



BIR

The British
Institute of
Radiology

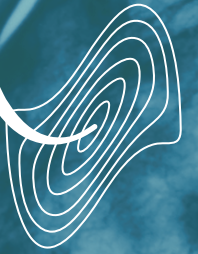


Image by Hugh Turvey

Annual Review 2009/10

The British Institute of Radiology (BIR) is a multidisciplinary charity and 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 through 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.

Founded in 1897, the BIR is the oldest radiological society in the world and was founded less than two years after Wilhelm Conrad Röntgen discovered X-ray. Based in Portland Place, London, the BIR is governed democratically by and for its individual members.



36 Portland Place

The British Institute of Radiology

Our Vision |

“ 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	Stuart Green BSc MSc PhD FIPEM FBIR
Trustees	As listed on page 15
General Secretary	Jacqueline Fowler
Members of the management team	As listed on page 15
Registered office	36 Portland Place, London W1B 1AT
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E-mail	admin@bir.org.uk
Website	www.bir.org.uk
Registered charity number	215869



The President's Report

2009 was a year of considerable challenge for the BIR as we plotted a course to weather the financial downturn, which began to impact on our revenues. A particular priority was to recover from a poor performance in the area of scientific meetings and events, which had under-performed in 2008. Through an intensive review process we were guided by our priorities, to deliver on the investments to which we were committed (to secure the future of the Institute), to perform well on our committed contracts and to support the staff of the Institute through a very unsettled period. I am enormously grateful to the staff and to my fellow trustees for their support and advice through this difficult time. Special thanks must go to Sue Marchant, who stepped into the breach as acting General Secretary to provide a steady guiding hand at a critical time.

I am pleased to report that we have weathered these difficulties, restructured our staff base to meet the changing demands of our business and the Institute is now in a strong position to face the future. Together we have achieved the following important operational milestones:

- Our practices are now fully documented through a quality management system that led to the achievement of ISO 9001 accreditation in July 2009;
- A new information technology system has been implemented across the organisation, providing delegates with online registration for scientific meetings; and
- A new easy to navigate website has been launched.

In addition to these, 2009 saw some very important highlights that deserve a special mention. Our scientific committees continue to provide excellent ideas for scientific meetings, and I am especially grateful to our committee chairs, who responded magnificently when presented with the challenge to reinvigorate our meetings programme for 2009 and prepare an advanced programme for 2010. As a result we delivered 19 scientific meetings across the country with a total of more than 1,000 attendees. My own President's Conference on particle radiotherapy was a highlight for me. With strong industry and other sponsorship I was able to assemble an excellent programme of speakers and we brought a community together to learn, discuss and in the end to influence national policy.

I especially am proud of four firsts during my presidency and during 2009:

The Institute organised and hosted an art exhibition, *The Art of Medicine*, featuring images inspired by the human body and radiological techniques. Paul and Lois Goddard deserve a special mention for their tireless efforts to ensure a highly successful event. We made a significant financial surplus, with close to 500 visitors while bringing the work of the Institute and our members to a new audience.



As well as being open to the public, the visit from the Duke of Kent was a particular highlight for all involved.

For the first time, the full text of the *British Journal of Radiology* is available online with issues since 1928. Through this project the BIR has made a substantial contribution to the history of radiology, providing material in a form which is readily available for study. With great efforts from Adrian Thomas, a supporting website went live in 2009 and has attracted considerable attention.

The first scientific event from our Scottish Branch took place in October and was extremely successful. Our regional network has continued to grow with the formation of our East of England and London branches in 2009. My thanks go to all our branch chairs and committee members, who are playing such a central role in the life of the Institute. A more extensive description of the committees work can be found on the Institute's website.

The first meeting of our Trainee Committee took place in December, and this excellent and lively group will play a vital role in developing the Institute over the next few years.

With such a range of new activities, it is important also to celebrate the success of some of our regular activities. Our events team delivered an excellent UKRC, which once again was a well attended, vibrant and successful meeting. The experience gained through UKRC and the other client events that we delivered in 2009 gives us the knowledge and confidence to develop this area for the future.

Our honorary editors and editorial boards have worked tirelessly to improve our journals. The performance of our flagship journal, the *British Journal of Radiology*, deserves particular mention, as we achieved an impact factor of 2.366 in summer 2009, higher than any other UK-based radiology or oncology journal and approaching double the value of only a few years ago. As well as this headline figure, *BJR* articles hit more than 1.7 million downloads, while our review journal *Imaging* had over 100,000 downloads.

I would like to thank the staff and trustees of the Institute for their unfailing support during 2009, and to our members, I hope we continue to deliver and improve on benefits that meet your professional needs during the coming year.

¹The impact factor is a quantitative measure of the frequency with which the 'average article' published in a given scholarly journal has been cited in a particular year or period. It is frequently used as a proxy for the relative importance of a journal within its field, with journals with higher impact factors deemed to be more important than those with lower ones. Impact factors are calculated yearly for those journals that are indexed in the Institute for Scientific Information (owned by Thomson Reuter's) Journal Citation Reports.



HRH The Duke of Kent took the opportunity to practise taking blood from a venepuncture model

The BIR hosted *The Art of Medicine* exhibition in March, which was attended by a wide range of visitors. Schools from the London area took part in a lively and interactive workshop hosted by junior scientists from the Oxford University-based Accelerate! team, who explained how particle accelerators work. Demonstrations of the effect of liquid nitrogen on everyday objects and static electricity were extremely popular and there was no shortage of volunteers who were prepared to get their hands dirty for science.

A free lecture and drinks reception was attended by students and trainees from all the medical imaging professions. The lecture by Professor Peter McOwan entitled *From Pixel to Perception* looked at some of the fascinating science behind human visual perception. The talk explored how we use optical illusions to help us better understand the brain and how this helps professionals in the imaging field to understand what they are seeing.

One of the highlights of the week was a visit by HRH The Duke of Kent, when artists had the opportunity to explain the inspiration behind their work. A very amusing collection of original cartoons from the Chris Beetles Gallery poked fun at the idiosyncrasies of working in the healthcare sector and dealing with often eccentric patients and administrators. His Royal Highness took the opportunity to practice taking blood from a venepuncture model provided by artist Margot Cooper.

The week-long event ended on a very high note with an auction dinner attended by members and guests to raise funds in support of the educational and charitable activities of the Institute.

'This event was a first for the Institute and demonstrated the wide reach of medical imaging. The BIR is delighted that the public and professionals in the field supported the exhibition so enthusiastically.'

BIR President, Dr Stuart Green

2009 at a glance

- Our membership rose by 14% to 2,333
- We ran 19 scientific meetings across the country
- We organised a number of events for external clients, including the UK's largest radiology conference, UKRC
- The British Journal of Radiology achieved an impact factor of 2.366
- We completed the first phase of retrodigitisation of the *BJR*
- We established a committee to be run specifically by, and for, the interests of trainees
- We hosted an art exhibition, visited by HRH The Duke of Kent, to raise our public profile
- We invested significantly in our internal processes to increase efficiencies: a new membership database and a revised website should benefit members and clients
- We achieved ISO accreditation for the efficiency of our procedures

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 imaging and radiation treatment of cancer. Members have the kudos of belonging to the only organisation that is dedicated to supporting a multidisciplinary membership, and the more members we have, the stronger our collective voice for our field.

Our work is delivered both from our London headquarters and via a growing regional branch network. Members are 'assigned' to a branch free of charge on joining, and branches exist to offer local support and facilitate members' access to our services. This includes Continuing professional development (CPD) opportunities and social and professional networking, all designed to benefit members at a local level.

Other benefits of membership include online access to the *British Journal of Radiology* and *Imaging*, discounts on attendance at scientific meetings, books and back issues of journals, and on room hire at the Institute. Members can also access the members-only area of our website, use the impressive library and information centre, and can apply for the BIR's prizes and awards.

During 2009, total membership rose by 14% to 2,333. In particular, we acquired 299 additional trainee members, meeting the Institute's commitment to attract young and energetic new members. The establishment of a Trainee Committee (see box) will enable trainees to lead on the development of events and other benefits suitable for their peer group.

A BIR First...

A BIR milestone was reached in 2009 when the first-ever Trainee Committee was established. The committee is the result of a long-held desire to engage with trainees and involve them in the activities of the Institute early in their careers. The future of The BIR depends on its ability to remain attractive to new members by providing topical scientific meetings and opportunities for professional development.

A vigorous selection process resulted in a truly multidisciplinary committee consisting of top achievers representing the diverse professions in the medical imaging and radiotherapy community. The first meeting of the committee took place in December 2009 and there was a sense of history in the making in the room. The energy and drive of this new committee has proved infectious and inspirational for the BIR staff involved in the establishment and nurturing of this very important membership group.

The committee's responsibilities include: initiating a forum for educational affairs and professional development for trainee members; creating new and improved educational and professional development opportunities and resources for trainee members; providing a continuous strategic vision from the trainee perspective; and promoting multidisciplinary understanding and collaboration of professionals in radiology to trainee members.

The Trainee Committee will continue to make history when it hosts the first meeting for trainees completely organised by trainees on 10 December 2010.

'The Trainee Committee is looking forward to becoming the future face of the BIR and wants to encourage trainee members to become actively involved in the BIR activities and utilise its golden resources.' Dr Rajat Chowdhury, Chair, BIR Trainee Committee

Category	End 2008	End 2009
Full Member	860	830
Associate Member	177	183
Free Student/Trainee Associate	732	1031
Company Nominee	61	60
Company Affiliate	4	3
Retired	74	71
Retired with <i>BJR</i>	17	25
Retired Free (plus <i>BJR</i>)	12	10
Over 75	67	81
Honorary	24	24
Life	17	15
Total	2045	2333



Du Boulay Room

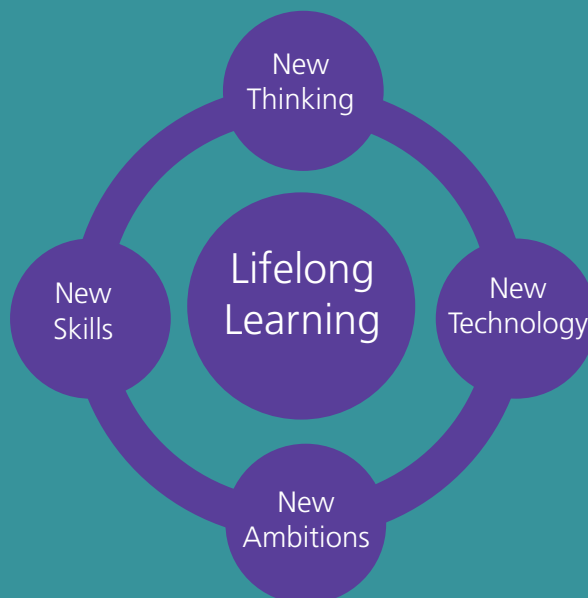


Art Exhibition



Information Centre

Continuing professional development: Meeting diverse needs



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 skills updating and involves other facets of your 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 stay at the leading edge and be a participant in change rather than an observer.

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 2009, we ran 14 meetings at the Institute’s excellent facilities in London (see Table 2) based on programmes developed by the Institute’s scientific committees, who are to be congratulated for the diverse range of meeting subjects they develop.

SCIENTIFIC COMMITTEE

- INDUSTRY
- RADIATION AND CANCER BIOLOGY
- MAGNETIC RESONANCE
- HEALTH INFORMATICS
- IHE-UK MEDICAL IMAGING AND RADIATION ONCOLOGY
- RADIATION PHYSICS & DOSIMETRY
- RADIATION PROTECTION
- NUCLEAR MEDICINE AND MOLECULAR IMAGING
- ONCOLOGY
- CLINICAL IMAGING
- CONF AND EVENTS / COMMITTEE CHAIRS
- LIBRARY & ARCHIVES

BRANCHES

- NORTH OF ENGLAND
- WALES
- WESSEX
- SOUTH WEST
- SCOTTISH

CHAIR

- Mrs Elizabeth Beckmann
- Dr Kaye Williams
- Professor Andrew Jones (to September 2009)
- Professor David Lomas (from October 2009)
- Mrs Elizabeth Hunt
- Dr Roger Harries
- Professor Andrew Reilly (to September 2009)
- Professor Andrew Beavis (from October 2009)
- Dr Peter Riley
- Dr Rakesh Ganatra
- Dr Charles Kelly
- Dr Nicola Strickland
- Mr Peter Sharpe
- Dr Adrian Thomas

‘...professionals in all healthcare settings need the support of lifelong learning through CPD programmes.’
 Para 3.32 A first class service: Quality in the new NHS



The 'national' Institute

A focus of the Institute's work has been on the delivery of scientific meetings of national importance at a local level. These have been particularly successful in attracting non-member, first-time delegates to events and introducing them to the work of the Institute. For instance, the Wessex Branch held two meetings, one of which was of national interest and marked the retirement of Dr Keith Dewbury, while the Welsh Branch ran two well-attended events. The new Scottish Branch covers a wide geographic area and its members represent all the major cities in Scotland: Aberdeen, Dundee, Edinburgh and Glasgow. The inaugural academic meeting on the subject of PET/CT was held in October with 70 delegates attending.

Feedback received from delegates

'Highly pertinent choice of topics pitched at correct level – a great day!'
MR Physics without the Pain!

'I always appreciate the practical nature of BIR day meetings – well done!'
Controlling Radiation Risks in Diagnostic Radiology

'I have enjoyed the meeting today and look forward to attending further meetings, particularly ones in which imaging is integrated with other specialities.'



Branch Event



Scientific Meeting

Meeting Date/Location	Meeting Title	Organising Committee	No. of Delegates
08 January, BIR	<i>Evidence-Based Imaging</i>	Clinical Imaging	14
06 February, BIR	<i>Radionuclide Therapy & Radiopharmaceutical Dosimetry</i>	Radiation Physics and Dosimetry	69
25 February, BIR	<i>Upper Limb Applied Limb Anatomy: In Byte-Size Chunks</i>	Clinical Imaging	51
26 February, BIR	<i>Radiotherapy Dosimetry: Current Status & Future Developments</i>	Radiation Physics and Dosimetry	52
03 April, Basingstoke	<i>Spring Meeting</i>	Wessex Branch	59
19–20 May, BIR	<i>President's Conference 2009: Particle Therapy, Technology and Clinical Applications. Views of the Future of Radiotherapy?</i>		93
26-27 June, Wrexham	<i>Summer Meeting – SPECT/CT Scanner Workshop/Getting Ready for Accreditation Workshop</i>	Welsh Branch	58
18 September, Southampton	<i>Autumn Meeting – Ultrasound: As Good as it Gets?</i>	Wessex Branch	62
24 September, BIR	<i>Diagnostic Imaging Partnerships between Independent Sector and PCTs</i>	Industry	46
01 October, Glasgow	<i>PET/CT Course</i>	Scottish Branch	71
16-17 October, Llantrisant	<i>Autumn Meeting</i>	Welsh Branch	54
20 October, BIR	<i>Pearls and Pitfalls in Musculoskeletal Trauma Imaging</i>		36
21 October, BIR	<i>Practical Aspects of Patient Dose Reduction in Diagnostic Radiology</i>	Radiation Protection	34
05 November, BIR	<i>Imaging in Transplantation</i>	Clinical Imaging	11
24 November, BIR	<i>Controlling Radiation Risks in Diagnostic Radiology</i>	Radiation Protection	63
25 November, BIR	<i>RPS Update Training session</i>	Radiation Protection	39
01 December, BIR	<i>Radiation & the Genome</i>	Radiation Cancer Biology	58
08 December, BIR	<i>MR Physics without the Pain!</i>	Magnetic Resonance	45
09 December, BIR	<i>Imaging in Stroke</i>	Clinical Imaging	57

An enriching environment

The British Institute of Radiology publishes two of the leading journals in the field of radiology and related sciences, the *British Journal of Radiology (BJR)* and *Imaging*, it also publishes *Dentomaxillofacial Radiology* on behalf of the International Association of Dentomaxillofacial Radiology.

The world's oldest radiology journal, the *BJR* is the official peer-reviewed monthly research journal of The British Institute of Radiology. It is a multidisciplinary journal covering all clinical and technical aspects of diagnostic imaging, radiotherapy and oncology, medical physics and radiobiology, a journal that anyone with an interest in radiology can find something to excite enthusiasm and involvement. The multidisciplinary approach of the journal enables readers to keep up-to-date with developments and hot topics in their own ones as well as related fields. In 2009 we were delighted that the impact factor of this internationally acclaimed journal rose to 2.366. In addition, we completed the first phase of the retrodigitisation of the journal, making issues as far back as 1928 available online.

Imaging is an up-to-date guide to modern-day imaging and will appeal to a broad spectrum of radiologists and allied professionals by providing the latest information on the integrated role of imaging modalities in medical diagnosis. It is a valuable source of current information and a useful complement to existing textbooks. As well as review papers, *Imaging* includes a pictorial quiz. There is also a multiple-choice questionnaire, where readers can obtain RCR CME credits, thus providing a valuable resource for continuing medical education. Trainees in particular find the journal an invaluable source of current information during pre-exam training, with the cycle of issues complying closely with the modular structure of today's radiology training.

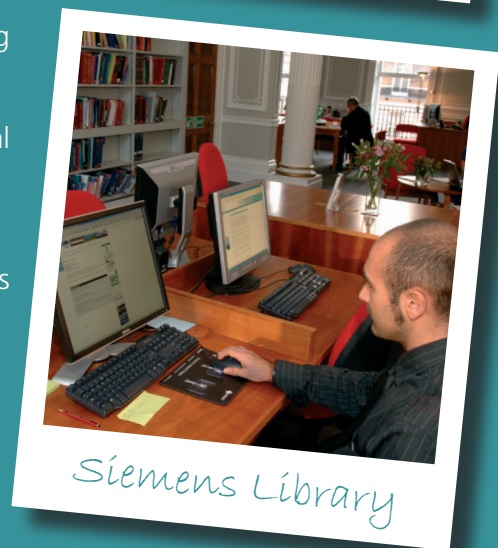
The Institute's library provides all members with learning resources to support their training, research, professional development and clinical practice. Members can browse through books, journals and reports in person or online. The online library provides electronic resources, such as health databases and electronic journals, from across the radiology modalities. Members can undertake remote literature searches or contact us and we'll search and source the information needed. Alternatively, members can drop into the information centre to check e-mails, have a meeting or simply enjoy a coffee – there is unlimited access during normal working hours.

Not only does the Institute house the best archive of early radiological literature in the UK, but in many respects the history and activities of the Institute are a major part of the history of radiology and radiotherapy itself, and our stewardship of this history is a core activity.

In 2009 as well as making available online the historical content of the *British Journal of Radiology*, we also initiated a new project to collect individual stories and experiences of working in radiology. Seed-funding for this project was made available by a donation from the Magnetic Resonance Radiologists Association (MRR(UK)) and the project will begin to deliver during 2010.



Publications



Siemens Library



BIR Honorary Award to Alan Budge

'The archive resources available at the BIR Information Centre, together with your help, were invaluable in my researches in compiling a bibliography of the publications of John Francis Hall-Edwards. No comparable archive of early radiological literature exists in the UK or elsewhere. Thank you again for your help.'

The Institute offers a number of awards and prizes each year. In 2009 the following eponymous lectures were delivered and travel awards and prizes awarded.

LECTURES

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 annually to an individual or group of collaborators in recognition of recent or current contributions in the field of radiology.

Professor Eliot Siegel | June 2009 | UKRC Manchester

Imaging informatics: The Key to Success for the Future of Radiology

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.

Professor Francis Smith | September 2009 | The British Institute of Radiology

Pioneering Work of MRI in the Early 1980s

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.

Professor Eric Wright | May 2009 | President's Conference, The British Institute of Radiology

Radiation, Carcinogenesis

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 a certificate.

Dr Eric Aboagy | December 2009 | The British Institute of Radiology

The Future of Imaging: Developing the Tools for Monitoring Response to Therapy

Leonard Levy Memorial Prize

The award of £125 is made for the best proffered paper by a BIR member under 40 years of age and is judged by a panel at the UKRC.

Dr Nishat Bharwani, Dr George Malietzis, Dr Priya Narayanan, Dr Anju Sahdev, Prof Rodney Reznick, Dr Andrea Rockall

Diffusion-weighted Imaging in the Assessment of Tumour Grade in Endometrial Cancer

Clinical MRI Prize

The award of £50 is made for the best proffered paper on MRI by a BIR member at the UKRC.

Dr Dina M. Awad, Dr Suraj Amonkar, Dr David G. Hughes

Out of Hours Spinal Magnetic Resonance Imaging: Does it Alter Patient Management?

TRAVEL AWARDS

Stanley Melville Memorial Award

Founded in memory of Dr Stanley Melville, the award of up to £1,000 is made to a BIR member who wishes to visit an institution or clinic abroad.

In 2009 the award was made to Dr Catriona Farrell to support three months in Tübingen, Germany, on the European Society of Radiology Visiting Scholarship Programme in Cardiac Imaging.

Philips Nuclear Medicine Travel Fellowship

Generously funded by Philips Medical Systems, the award of up to £5,000 sponsors a BIR member working in any discipline within nuclear medicine to visit one or more centres abroad to learn a new technique or to attend a major conference where other funding is not available.

In 2009, a small award was made to Dr Avnesh Thakor to support his visit to the Molecular Imaging Program at Stanford University School of Medicine in the USA.

BIR RAD Magazine Prizes

1st Prize

Dr Julie Cox and Dr Nikolaos Koutroumanos
County Durham & Darlington Foundation Trust, Durham

Unravelling the Mystery of Clinical Coding

2nd Prize

Dr Beatrice Charlesworth, Dr Monica Khanna and Dr Giles Rottenberg

Guys' and St Thomas's Hospital, London

Audit of CT Urography Use

3rd Prize

Dr Neil Bhonsle

Conquest Hospital, Hastings, East Sussex

Assessing Effectiveness of Adaptive Filters to Reduce Radiation Dose in Computerised Tomography Coronary Angiography (CTCA)

THE BRITISH JOURNAL OF RADIOLOGY AWARDS

The Röntgen Prize

Founded in 1924, in memory of Professor W C Röntgen, this prize is awarded annually to a Member, or a team of workers including a member, whose contribution to the *British Journal of Radiology* has been of special merit. The subject of the contribution must be related to radiotherapy, radiobiology or physics. The award takes the form of a certificate, which is presented by the president at the award ceremony at the AGM.

Dr Roger Harrison | 2009

The Barclay Medal

Founded in 1952 in memory of Dr Alfred Ernest Barclay, who by his will bequeathed to the Institute a legacy for the general purposes of the *British Journal of Radiology*. The medal is awarded annually to the person, whether a member of the Institute or not, whose contribution to the British Journal of Radiology over a period of years has been of special merit, contributing materially to the science and practice of radiology. The medal is presented by the President at the Award ceremony at the AGM.

Professor Martin Leach | 2009

The Barclay Prize

Founded in 1952 in memory of Dr Alfred Ernest Barclay, who by his will bequeathed to the Institute a legacy to be used by the *British Journal of Radiology*. Awarded annually to a member, or a team of workers including a member, whose contribution to the journal has been of special merit. The subject of the contribution must have been diagnostic radiology, which includes the clinical or experimental aspects, or physics relating thereto. The prize is in the form of a certificate which is presented by the president at the award ceremony at the AGM.

Professor Alan Jackson | 2009

Working with others

The Institute works in partnership with a number of sister organisations such as the Royal College of Radiologists, the Society and College of Radiographers and the Institute of Physics and Engineering in Medicine. Together, the four organisations collaborate via ROC (Radiology and Oncology Congresses) to develop and deliver the UK's biggest annual radiology conference, the UK Radiology Congress (UKRC). The 2009 event was held in Manchester under the presidency of Dr Stephen Davies and the BIR was responsible for the event's organisation. The conference comprised eight streams per day for the first two days and seven on the third, and each day there was one satellite stream open to exhibition delegates. A total of 91 companies exhibited. The conference attracted 1,191 delegates while the exhibition recorded 993 visitors, showing that, even in the current economic climate, professional development remains a high priority for radiological professionals.

The BIR offers its event management services to third party organisations. For instance, the annual exhibition and conference of the Royal College of Psychiatrists was held in June 2009 in Liverpool. The BIR organised the exhibition for the annual congress, including all administration and on site management. The exhibition was attended by 17 exhibitors. We will also be administering the 2010 event.

The ninth annual International Cancer Imaging Society course was held in Salzburg, Austria, in October and focused on the promotion of education and research in cancer imaging, and its role in the multidisciplinary management of malignance. Keynote lectures were delivered on CT colonography screening and on practice guidelines in cancer care. The course was attended by radiologists, nuclear medicine physicians and other specialists interested in oncology diagnosis and management and there were 149 delegates in attendance over the 3 days. The BIR acted as the course secretariat, administering all aspects of the course and exhibition, including registrations and onsite management. We will also be administering the 2010 event.

The autumn meeting of the British Society of Thoracic Imaging was held in November 2009 at the BIR in London. The event was attended by 60 delegates and the BIR acted as the secretariat for the course, undertaking all organisation and registrations. We will also be administering the 2010 event.

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	Dr Stephen Davies
National Imaging Board	Dr Julie Olliff / Dr Stephen Davies
BMA Radiology Division	Dr Simon Blease
The Parliamentary and Scientific Committee	Dr Stuart Green
Working Group on Particle Therapy, National Commissioning Group	Dr Stuart Green

The BIR also continues to host, chair and support the multiorganisational group which deals with MR safety issues. The group acts as the focus for the UK effort to inform and campaign in relation to the forthcoming EU directive on electromagnetic fields. This was established with representation from all interested parties including our partner societies, the Department of Health, the Health and Safety Executive, the Health Protection Agency, the National Patient Safety Agency and industry.

During 2009, and consistent with previous years, our committees have generated responses and comments on a wide range of draft guidance and regulatory documents.

The Institute is one of three partners of the Mayneord-Phillips Summer Schools Trust, the object of which is to provide postgraduate education for PhD-level students via a biennial summer school on a topic concerning the application of 'medical physics and kindred sciences' to medicine. The school is specifically designed for those embarking on their research programmes and others who are transferring into the field of radiotherapy. It is also very suitable for clinical scientists who are embarking on a professional career in the NHS.

The ratio of faculty to students (normally around 30 in number) is very high, encouraging a tutorial-type atmosphere. Students are encouraged to attend from within and outside the UK. For those who have limited resources grants funded by the parent bodies of the Trust (i.e. Institute of Physics [IOP], Institute of Physics and Engineering in Medicine [IPEM] and The British Institute of Radiology [BIR]) provide bursaries.

The 2009 summer school, entitled 21st *Century Radiotherapy: State-of-the-art and Predicting the Future*, took place in July at St Edmund Hall, University of Oxford. Among a cohort of eminent speakers in their respective fields, BIR President, Stuart Green, spoke about recent advances in boron neutron capture therapy.

Looking ahead

The BIR's annual plan for 2010 was approved in December 2009 by Council. The main objectives for the year are outlined below. Each is supported by more detailed key performance indicators.

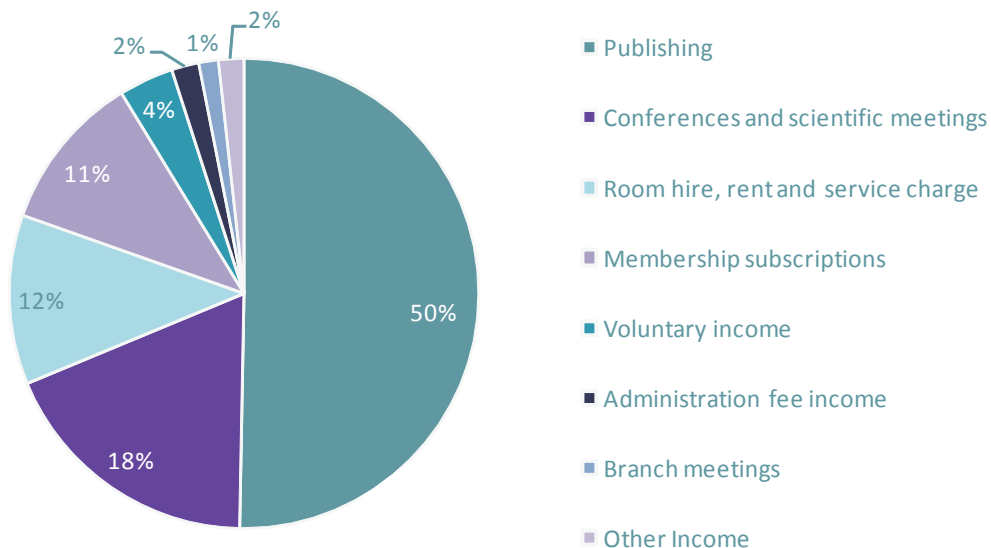
- **Develop a three-year strategy 2010–2013**
We aim to revise our strategy to develop a modern, fresh organisation that is relevant to today's radiological community.
- **Achieve a maximum end-of-year deficit of £23k or better**
We aim significantly to reduce the operating deficit recorded in 2008 and 2009.
- **Complete the membership review for relaunch in September 2010**
We aim to undertake a thorough review of membership, the categories available and the benefits offered for a re-launch in the last quarter of 2010.
- **Deliver client events and scientific meetings as scheduled and budgeted, and deliver the forward programme for 2011**
We aim to deliver successful client events to retain and increase external business, run approximately 25 scientific meetings across the UK and ensure that the 2011 programme is available in September 2010.
- **Develop, plan and schedule the launch of the online *British Journal of Radiology* in 2011**
We aim to prepare for the launch of the new-look *BJR* in its online version and magazine-style supporting journal.
- **Develop an e-strategy and identify investment required**
We aim to review our electronic offer and future requirements so that we can plan for the resources required in 2011 and beyond.
- **Continue to develop the strategy, function and activities of branches**
We aim to continue the expansion of regionally based delivery of Institute activities to support local needs.

Finance

Following a very difficult year in 2008 and a record operating deficit of £254,000, the Institute was pleased to record a vastly improved position in 2009. The operating deficit was reduced to £142,000, a decrease of 44%.

The incoming resources for the year were £1.48 million, up slightly from £1.44 million in 2008. The principal sources of revenue are publications, membership subscriptions, and scientific meetings and event management services. Publishing income, which accounts for approximately 50% of turnover each year, is on an upward trend and showed a modest growth of 3% over the previous year, while income from conferences and scientific meetings grew by 23%, from £221k in 2008 to £273k in 2009. Included in the £273k is the UKRC administration fee received of £156k. Room hire, rent and service charge income increased by 8% to £173k.

Income by Activity 2009



Most of the activities show an increase in income compared to 2008 except bank interest and investment income, which declined from £51k in 2008 to £7k in 2009, reflecting the substantial drop in bank interest rates since 2008.

The outgoing resources for the year reduced to £1.64 million from £1.69 million in 2008. All areas of activity showed a reduction in expenditure except membership, marketing and governance costs. Membership and marketing costs went up during the year, reflecting the increased allocation of resources to support the marketing effort, with the aim of reversing the slow decline in the membership income and registration for events.

The 2008 initiative to offer free associate membership to students resulted in an increase of nearly 800 new members, but the servicing costs also rose proportionately. The Institute is exploring ways to increase efficiencies in the servicing of these free memberships and converting them to fee-paying individuals.

Governance costs increased from £29k to £44k. A major contributor to the decrease in expenditure was efficiency savings achieved by a staffing restructure.

Statement of financial activities

Year ended 31 December 2009

	2009 £'000	2008 £'000
Incoming resources		
Publishing	747	723
Conferences and scientific meetings	274	222
Room hire, rent and service charge	173	159
Membership subscriptions	161	159
Voluntary income	56	45
Administration fee income	28	17
Branch meetings	20	27
Other Income	26	90
Total incoming resources	1,485	1,442
Resources expended		
Publishing	554	601
Conferences and scientific meetings	463	462
Room hire, rent and service charge	176	217
Membership and marketing	233	194
Costs of raising voluntary income	24	28
Library and information service	101	109
Branch meetings	41	47
Governance costs	44	29
Total resources expended	1,636	1,687
Net outgoing resources for the year	(151)	(245)
Unrealised gain (loss) on investments	9	(9)
Net movement in funds	(142)	(254)
Funds at 1 January 2009	1,549	1,803
Fund at 31 December 2009	1,407	1,549

Balance sheet as at 31 December 2009

	2009 £'000	2008 £'000
Tangible fixed assets	933	917
Investments at market value	56	47
Total fixed assets	989	964
Current assets	762	986
Current liabilities	(344)	(401)
Net assets	1,407	1,549

These summarised accounts have been extracted from the Annual Report and Accounts for the year ended 31 December 2009, which received an unqualified audit report from haysmacintyre, were approved by the Council on 20 May 2010 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 Annual Report and Accounts can be downloaded from the Institute's website at www.bir.org.uk.

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

We have examined the summarised accounts on page 14 (comprising the Statement of Financial Activities and the Balance Sheet) of The British Institute of Radiology for the year ended 31 December 2009.

Respective responsibilities of trustees and auditors

The trustees are responsible for preparing the summarised accounts in accordance with applicable law. Our responsibility is to report to you our opinion on the consistency of the summarised accounts within the Annual Review 2009 with the full financial statements. We also read the other information contained in the Annual Review 2009 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' in the United Kingdom issued by the Auditing Practices Board.

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 December 2009.

haysmacintyre
Chartered Accountants and Registered Auditors
28 May 2010

Council

The Council is the governing body of the Institute and consists of 18 trustees, who are members of the Institute. Up to eight trustees are officers and up to ten trustees are ordinary members of Council. They are evenly divided between medical and scientific representatives. Officers are appointed for up to three years, depending on position, and ordinary members serve for two years.

Members of Council at 31 December 2009 were:



*Dr Stephen Davies &
Dr Stuart Green*

President:
Dr S Green

Vice President:
Dr S Davies

Officers:
Dr S Blease
Mr R Brown
Prof R Dale
Dr D Pilling
Ms S Marchant

Ordinary members:
Dr P Davison
Dr J Fairhurst
Dr J Gunaratnam
Dr K Irion
Mr A Jones
Mr J Kotre
Ms H McNair
Dr D Morgan
Dr T Sikdar
Mr P Sutton

Dr A M Belli, Mr A Budge, Dr R Harrison and Dr J Olliff retired on 30 September 2009. New trustees, Prof R Dale, Mr A Jones and Dr D Morgan, joined on 1 October 2009.

Management team

The following members of the management team were in office at 31 December 2009:

General Secretary:	Ms J Fowler
Facilities Manager:	Mr P Coverdale
Publisher:	Ms S Dixon
Finance Manager:	Mr A Patel
Marketing & Events Manager:	Mrs L van Niekerk

Dr T Hogan (General Secretary) resigned in January 2009, Mr A Dattani (Finance Manager) resigned in August 2009 and Mrs T Anderson (Events Manager) was made redundant in September 2009.

Professional advisers

Auditors

haysmacintyre
Fairfax House
15 Fulwood Place
London
WC1V 6AY

Bankers

Barclays Bank plc
1 Churchill Place
London
E14 5HP

Investment managers

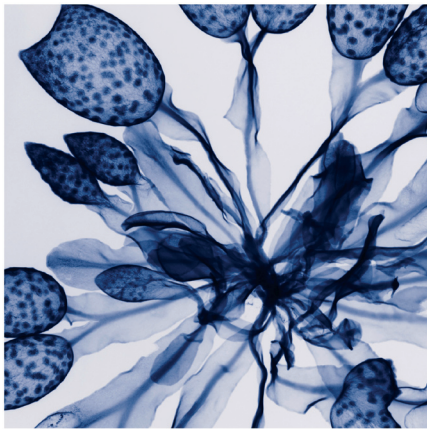
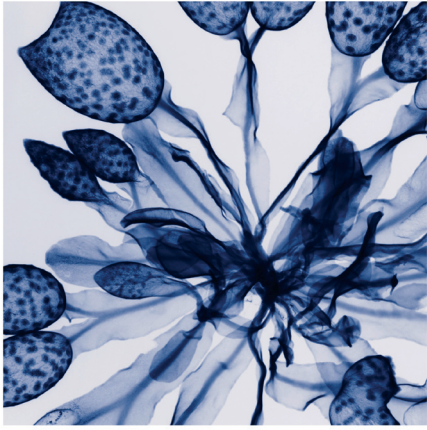
Aberdeen Asset Management plc
10 Queen's Terrace
Aberdeen
AB10 1YG

Solicitors

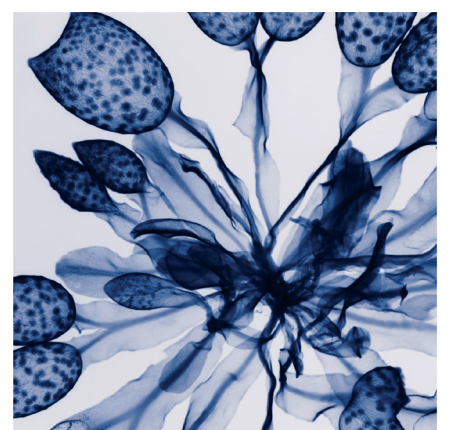
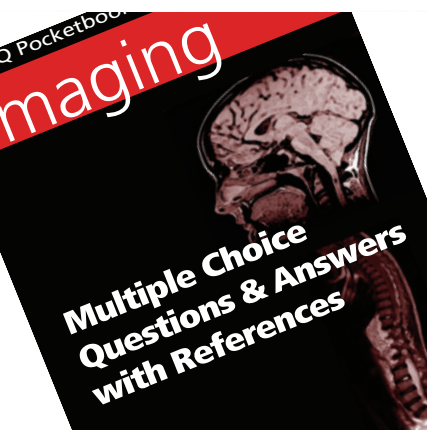
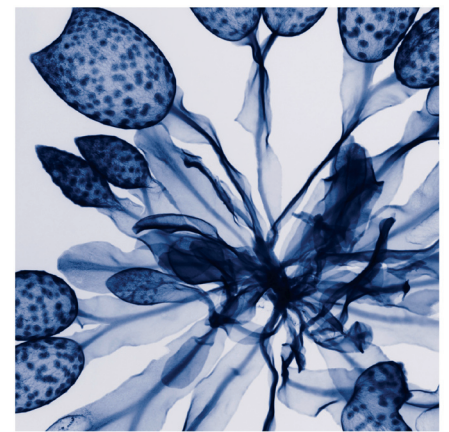
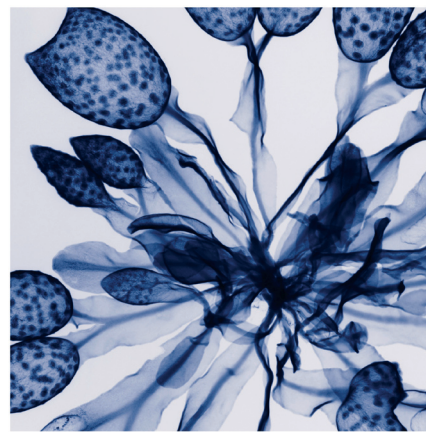
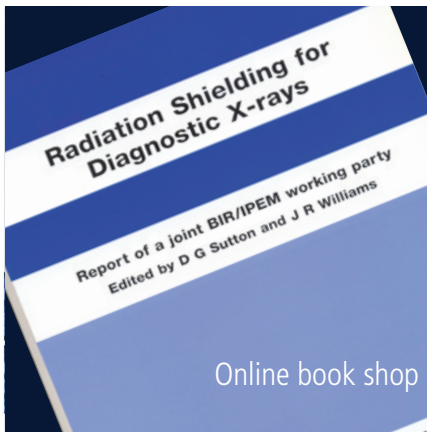
Blake Lapthorn
Seacourt Tower
West Way
Oxford
OX2 0FB

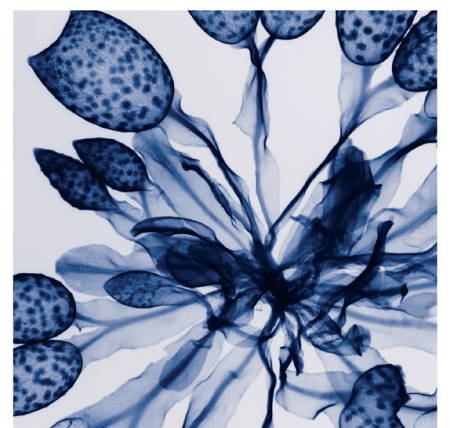
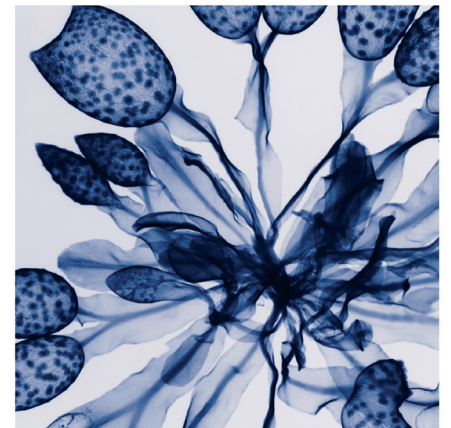
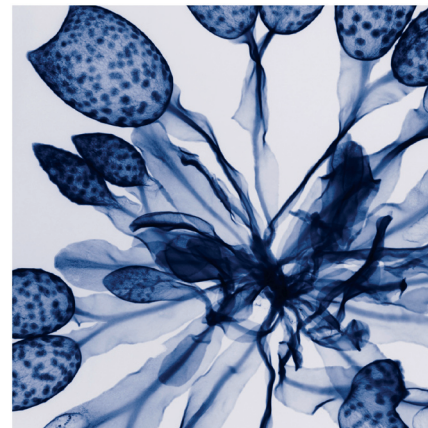
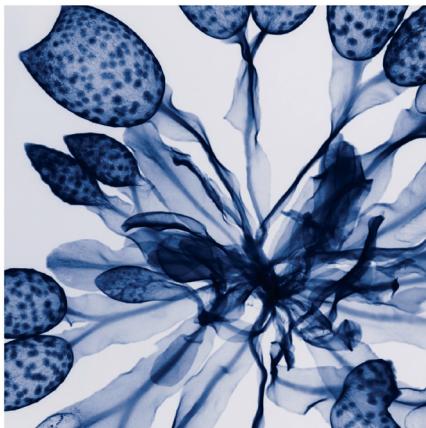
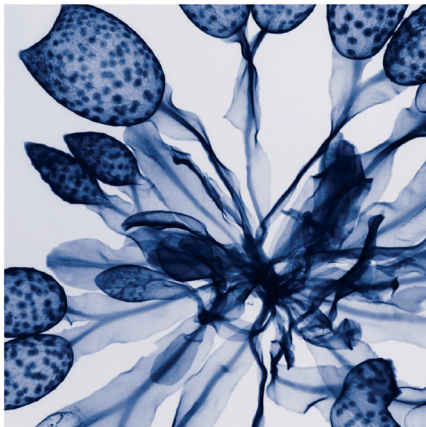
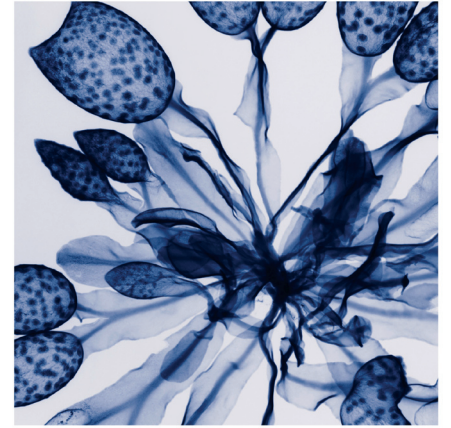
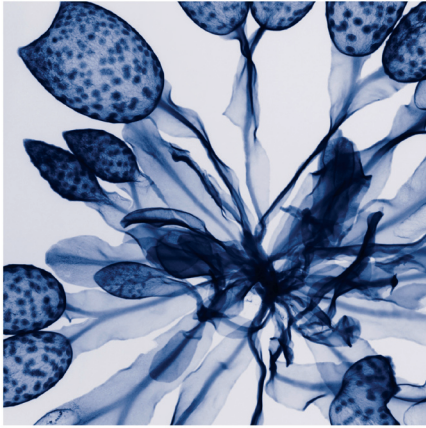
Company Subscribers

4 Ways Healthcare
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MRA Technology Ltd
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Professor Eric Wright receiving an award from Dr Stuart Green for the Silvanus Thompson Memorial Lecture







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