

# Annual Review

## 2022-23



# Working together to improve medicine, health and patient care through the science and practice of imaging and radiation oncology.

**The British Institute of Radiology (BIR) is the international membership organisation for everyone working in imaging, radiation oncology and the underlying sciences.**

**We are a not-for-profit organisation and are governed by and for our members.**

We have over 4,000 individual and 38 company members together with thousands of professionals who use BIR services or voluntarily share their expertise by authoring, reviewing and editing our publications, speaking and taking part in events, and participating in management and branch committees or working parties.

**Our aims are to:**

- ✓ Support the work of our members and their colleagues to achieve professional excellence
- ✓ Provide continuing professional development for our multidisciplinary community
- ✓ Publish cutting-edge research for our authors and readers across the world
- ✓ Influence and connect with the wider professional sector



With origins dating back to 1897, the BIR is the world's longest-standing radiological society. It was granted a Royal Charter in 1958 and became a registered charity in 1963.

## MANAGEMENT TEAM

### Chief Executive

Mrs Sara Purdy

### Deputy Chief Executive and Director of Education

Dr Sarah Adibi

### Co-Head of Publishing (Journals)

Mrs Tami Potten

### Co-Head of Publishing (Content Development)

Mrs Miranda Ashby-Wood

### Director of Communications

#### & Partnerships

Ms Carole Cross

### Director of Membership & Systems

Ms Jane Moynihan

### Director of Finance & Operations

Mrs Magdalena Howlett

## PRINCIPAL ADVISORS

### Auditors

Sayer Vincent,  
Invicta House, 108–114 Golden Lane,  
London, EC1Y 0TL

### Bankers

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

### Investment Managers

Abrdn,  
1 George Street, Edinburgh, EH2 2LL

### Solicitors

Blake Morgan,  
Seacourt Tower, West Way,  
Oxford, OX2 0FB

### Registered office

Audrey House, 16-29 Ely Place,  
London, EC1N 6SN

Registered charity number: 215869

## PATRON

Her Majesty the Queen (1952–2022)

## GOVERNANCE

The Council is the governing body of the Institute. It normally comprises twelve trustees, six of whom – the President, Vice Presidents, Honorary Treasurer and Honorary Secretary – also perform officer roles. Trustees are normally appointed for three years. Members of Council on 31 March 2023 were:

### President

Professor Stephen Keevil

### Vice Presidents

Dr Simon Jackson  
Mrs Helen Hughes  
Dr Elly Castellano

### Honorary Treasurer

Mr Daniel Pounder

### Honorary Secretary

Dr Kannan Rajesparan

### Trustees

Dr Shaista Hafeez  
Dr Christina Messiou  
Dr Wendy Wilkinson  
Dr Teik Choon See  
Dr Anjum Ahmed  
Mrs Nikki Blackler

Dr Sridhar Redla, Dr Nicholas Screation, Mr Andrew Craig and Mr Russell Lodge retired on 30 September 2022.

New Trustees who joined on 1 October 2022 were Mr Daniel Pounder, Dr Teik Choon See, Dr Anjum Ahmed and Mrs Nikki Blackler.

# Welcome from our Chief Executive



I am honoured to welcome you to the British Institute of Radiology's (BIR) Annual Review for 2022–2023, as the first in my role as Chief Executive.

The Annual Review is a fantastic opportunity to celebrate our achievements, all of which we hope support our dedicated membership and ultimately improve medicine, health and patient care through the science and practice of imaging and radiation oncology.

The Annual Review is also an opportunity to acknowledge the outstanding work of everyone who supports us. Our small staff team work tirelessly to build on our legacy as the world's longest-standing radiological society; however, we are only able to do this with the support of our committed team of volunteers and corporate partners across all areas of our work, many of whom feel an enormous warmth towards the Institute. If you are also new to the BIR, you can watch Dr Adrian Thomas and Dr Emily Grossman unpick what is so unique about the BIR and why people all over the world are passionate about this special society in a webinar called "The BIR at 125: A Conversation and A Celebration", in the BIR Online Learning Library.

Page 7 "BIR in numbers" provides some idea about the thousands of people we rely on every year, and it is staggering to note that our journal articles were downloaded more than 1.8 million times and that we had over 36,000 views of our online educational material. I would like to take this opportunity to thank all of the individuals, sister societies, trusts, organisations and companies who have made these accomplishments possible.

I would also like to offer special thanks to our current President Professor Stephen Keevil, whose achievements in the short time since his inauguration include unveiling our new coat of arms. Special thanks must also go to Past President Dr Sri Redla, who in 2022 concluded his 2-year tenure as President, and my predecessor Simon Thompson, Chief Executive of the BIR from 2017–2022. As President and Chief Executive during the COVID pandemic, Sri and Simon worked through unprecedented times, despite which the BIR still saw a sustained period of growth and success on all fronts. Together with our Council, they put in place the current 5-year strategy for the BIR, which stands us in good stead and for which I am grateful.

**My final thanks go to you for your interest in and support of the BIR.**

*Sara Purdy*

**Sara Purdy**  
*Chief Executive*

# President's report



It is a pleasure to present my first report as President of the British Institute of Radiology at the end of an eventful year for the Institute.

The past year was one of celebration and sadness. The death of Queen Elizabeth II occurred just too late for inclusion in last year's review. The British Institute of Radiology received its Royal Charter from Her late Majesty in 1958, and she was our Patron for over 60 years. As one of his last acts as President, my predecessor, Dr Sri Redla, sent condolences on behalf of the Institute to His Majesty The King.

The celebration of our 125th anniversary culminated on 8 November 2022, the International Day of Radiology, World Radiography Day, and 125 years almost to the day since the Institute's Grand Inaugural Meeting in 1897. It was not only an honour to be inaugurated as President on that day but also to formally welcome our new Chief Executive, Sara Purdy and unveil plans for our smart new offices in Farringdon. So, a very significant birthday was marked by lots of significant changes, opening up many opportunities for the future. I was particularly delighted to reveal the design of our new coat of arms at the inauguration: you can read more about that on the next page.

The Institute's outstanding educational programme has continued throughout the year, including many specialised events as well as the bigger set-piece congresses. We built on our strong position in artificial intelligence (AI) with our first annual AI Congress in March. The BIR Annual Congress itself marked a welcome return to an in-person format after the COVID years. But online events offer new opportunities for engagement and inclusion, and our first virtual World Imaging Congress was another highlight of the year for me, building on our strong relationship with our World Partner Network, which has now grown to 23 members, including the African and Egyptian Societies of Radiology. It was an honour to welcome the leaders of many of these societies to a series of bilateral meetings during the RSNA Annual Meeting in Chicago.

Our flagship journal, *BJR*, is flourishing. The journal's impact factor is now 3.629, up 19.4% on the year. Alongside this, our open access journals, *BJR|Open* and *BJR|Case reports*, have continued to grow in stature, with *BJR|Case reports* achieving an impact factor for the first time. The latest journal from this successful stable, *BJR|Artificial Intelligence*, will launch early in 2024.

The BIR, of course, is nothing without its members. During the past year, our membership figures passed 4,000 for the first time. The BIR's greatest strength since its foundation all those years ago is that it is open to colleagues from across all of the professions involved in imaging and radiotherapy, regardless of background. This year we have begun to build our membership among some of the less visible groups, such as nurses working in imaging, through a new associate membership scheme. All of this adds to the richness of our volunteer base, on whom we rely to deliver much of the content of our events, journals and online offerings. I am extremely grateful to them all, alongside the BIR's dedicated staff and, of course, our corporate members and sponsors. It is because of them that the BIR has emerged from the pandemic not just surviving but thriving, and looking forward with confidence to the next 125 years.

*Stephen Keevil*

**Professor Stephen Keevil**  
*BIR President*



## New Coat of Arms

We were delighted to unveil our new coat of arms, an initiative to mark our 125th anniversary. A coat of arms is evocative of history, tradition, trust and authority, which is fitting for a body with the history and reputation of the BIR.

The arms granted were designed by Professor Stephen Keevil, the President of the BIR. The owls represent the Owl of Minerva (reflecting wisdom), the rays represent radiation, the stag is an emblem found in the arms of the families of Wilhelm Rontgen and Silvanus Thompson, and the Rod of Aesculapius is the symbol of medicine. The motto "E Tenebris Lux" means "Light out of Darkness".

For more explanation, please visit [www.bir.org.uk/about-us/coat-of-arms.aspx](http://www.bir.org.uk/about-us/coat-of-arms.aspx).

## New home

In December 2022, we moved into our new offices in Farringdon, just a short walk from our previous premises. The smart new space blends an old façade with modern office facilities and a splendid boardroom with views over the London skyline.



## Equality, diversity and inclusion focus

This year has seen a strong focus on equality, diversity and inclusion (EDI) with a report to Council in March 2023 updating the work achieved so far by the BIR EDI Working Group and building on the current EDI policy.

Led by Director of Education Sarah Adibi, a series of recommendations were presented to ensure the Institute better reflects the world in which we operate in terms of EDI, and offers a welcoming culture with leaders, volunteers and staff drawn from an appropriate mixture of backgrounds. These cover the whole organisation and include web content accessibility, social media awareness campaigns, diversity in our educational offerings, from webinars to contributors to courses and events, and recruitment of staff and volunteers.



# BIR in numbers

## Our growth since 2021–2022

Articles downloaded

**+16%**

BJR Impact Factor

**+19%**

DMFR Impact Factor

**+46%**

Membership growth

**+11%**

Nurses joined as associate members

**120+**

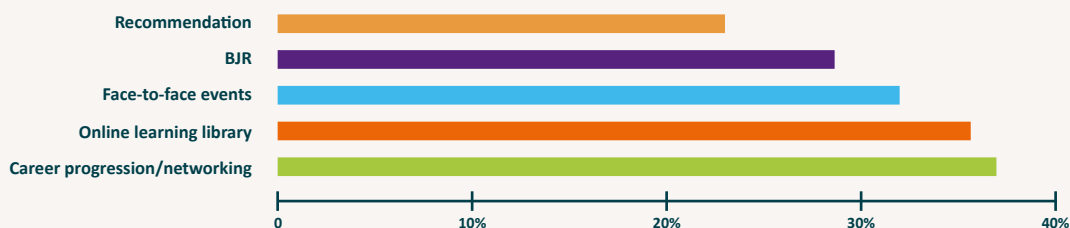
In 2022-23, our new members were:

**15% students**

**14% international**

**14% nurses**

## Top 5 reasons for becoming a member



Members

**4,045**

SIG management group members

**106**

Journal authors

**3,039**

Trustees

**12**

SIG members

**1,420**

Downloaded papers

**1,832,760**

Online learning library resources

**425**

Event organisers

**74**

BIR World Partner Network

**22** member organisations

Speakers

**404**

Journal editors

**185**

SIG chairs

**8**

Journal peer reviewers

**1,365**

Online lectures webinars & events

**7,262 views**

Event delegates

**6,822**

# Publishing

In March 2023, we announced the plan to launch **BJR|Artificial Intelligence**, which takes the BIR portfolio of journals to five.

Fully open access, it will cover the clinical and technical aspects of artificial intelligence in medical imaging, radiotherapy, radiation oncology, medical physics, radiobiology and the underpinning sciences and is aimed at a broad multidisciplinary audience.

Co-Editors-in-Chief will be leading experts in the field, Professor Heang-Ping Chan (Paul L. Carson Collegiate Professor of Radiology and Director of Computer-Aided Diagnosis-Artificial Intelligence Research Laboratory at the University of Michigan, Ann Arbor, MI, USA) (*right, top*) and Professor Issam El Naqa (Founding Chair of the Department of Machine Learning at Moffitt Cancer Center, Tampa, FL, USA) (*right, bottom*).



## BJR Special Features

**BJR special features include themed content which highlights current hot topics and emerging areas of research put together by expert guest editors. This year we published:**

### Functional imaging of the lung

Guest edited by Professor Philippe Grenier, Professor Eric Hoffman, Dr Nicholas Screaton and Professor Joon Beom Seo.

### The challenge of liver tumours for interventional oncology: past, present and future

Guest edited by Dr Yasuaki Arai, Professor Thomas Helmberger, Professor Sarah White and Dr Christoph Zech.

### Incidental imaging findings from head to toe: challenges and management

Guest edited by Dr Rosalind Given-Wilson, Dr Nick Screaton and Professor Stuart Taylor.



## BJR|Open Special Collections

**BJR | Open special collections offer a curated group of articles, offering a “go-to” resource for research in a given area. These collections will grow throughout the year as articles on each topic are accepted for publication. This year we launched:**



### Advances in cancer imaging and technology

Guest edited by Professor Regina Beets-Tan, Dr Zuhir Elkarghali, Dr Sharyn Katz and Professor Haibin Shi.



### Evolving role of artificial intelligence (AI) in radiation oncology

Guest edited by Professor Issam El Naqa, Professor Weigang Hu, Dr Sarah Mattonen and Professor Esther Troost.



## BJR Welcomes a new Editor-in-Chief (Scientific)

Professor Andrew Nisbet took over the reins as *BJR* Editor-in-Chief (Scientific), from Professor Kevin Prise, in May 2022.

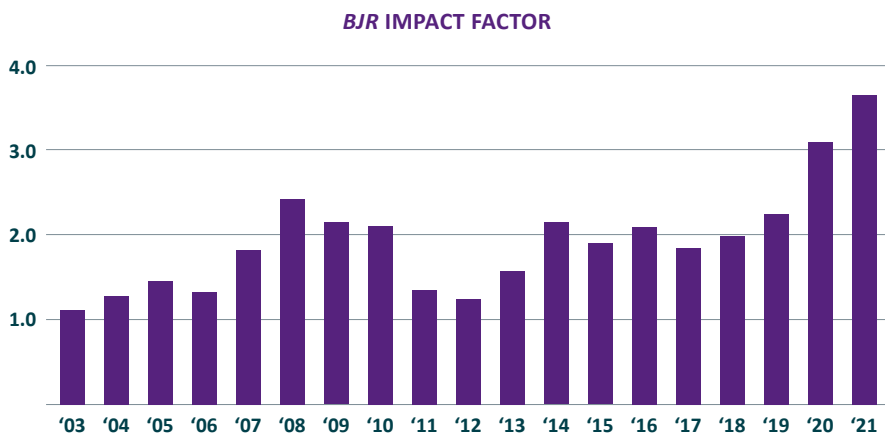
Enormous thanks go to both Professor Nisbet and Professor Prise – their combined service on *BJR*'s Editorial Board totals 25 years, a remarkable commitment. Professor Nisbet joins Dr Simon Jackson, *BJR* Editor-in-Chief (Medical), and we are confident that our flagship journal is safe in their expert hands. A great team!



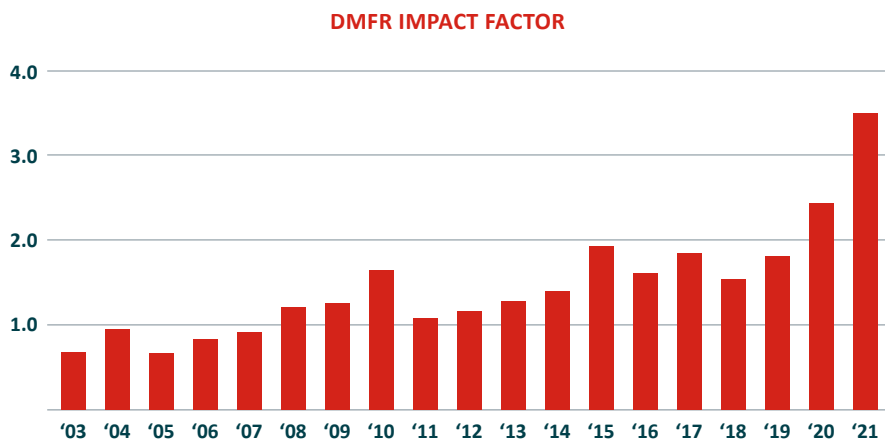
*"It is a pleasure and privilege to co-lead the oldest radiology journal in the world as we seek to continue publishing the very best radiological research."*

## Impact

*BJR*'s impact factor reached an all-time high of 3.629, a 19% increase on the previous year.



*DMFR*'s impact factor also reached an all-time high of 3.525, the first time it has been above 3 and a 46% increase on the previous year.



## BIR WORLD PARTNER Network

### *BJR|Open* collaborates with BIR World Partner Network

*BJR|Open* launched a new Editorial Advisory Board composed of experts nominated by the societies that are members of the BIR's World Partner Network (WPN).

This exciting new initiative brings an assortment of benefits: it is a prestigious role for the individuals selected to represent their societies, it is an additional layer of support for our busy expert editors, it is an opportunity for greater collaboration with our WPN member societies and it will potentially boost the journal's profile around the world.

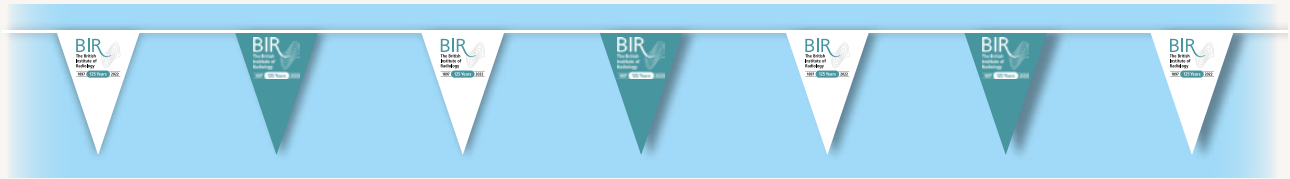
### Special publications

The BIR publishing team worked with corporate members, Guerbet and Aidence, on two special publications: "Contrast-enhanced MRI" and "AI and Lung Cancer". These projects allow dissemination of cutting-edge research from our journals, and thanks go to our corporate members for their support.



# Education

We had 36,100 views of our online resources, and over 6,800 people registered for our events during 2022–2023.



## BIR Annual Congress 2022

### Looking back to the future: *Celebrating 125 years of BIR*

This year we returned in person with over 550 attendees across two days and with a theme to mark our 125th anniversary. There were award-winning keynote sessions from Dr Giles Maskell and Dr Thomas Flohr (see page 20) and some celebratory touches, including an insightful talk on “Evolution of the workforce” presented by BIR Honorary Historian, Dr Adrian Thomas, and a display of fascinating historical radiology exhibits and artefacts. Networking drinks were kindly sponsored by Aidence, and the event ended with an informal dinner in the Royal College of Physicians gardens.



**97%** of delegates rated the BIR Congress “Excellent” or “Very good”



## Women in imaging

We held our first “Women in imaging” event in February 2023, which covered topics including “Women in leadership roles”, “The role of medical physicists” and “AI in practice”. Not just exclusively for women, this inaugural event, organised by Dr Lizzie Barclay, was such a success that it looks like being a regular in the BIR events calendar.

## World Imaging Congress

Another first for February and the BIR was our online World Imaging Congress. Building on the success of our online Annual Congress, this two-day event was our most well-attended event ever, with 744 registrations and 456 attendees, almost 60% internationally based.

The aim of the event was to exchange education across the globe and enable greater access to high-quality education for those who may have less access to high-quality education. We were pleased to work with several of our World Partner Network societies and to include them on a discussion panel reflecting on the experience of the COVID pandemic.

Several Presidents of radiology societies delivered talks, such as Professor Adrian Brady (President of ESR, European Society of Radiology) (right), Dr Pushpraj Bhatele (President of IRIA, India Radiological Imaging Association) and BIR President Professor Stephen Keevil.



### AI Education Essentials

We partnered with Health Education England Digital Academy to produce AI Education Essentials, a series of open access webinars for everyone working in imaging wanting to find out more about the basics of understanding AI through individual topics in more depth. The initiative was launched at the BIR AI Congress.

Participants can choose from Introduction to AI, Governance, Implementation, Clinical use, Bias and additional topics of interest.

AI Education Essentials videos have been viewed over **3,800 times**

## Working with partners

We continue to work with related organisations and societies to broaden our reach and to support others with our event organising expertise. We worked in association with InHealth and Canterbury Christ Church University to deliver “Pre-Clinical Evaluation in MRI – brain and spine study days” primarily for radiographers

### British Society of Head and Neck Imaging



We supported the British Society of Head and Neck Imaging (BSHNI) to deliver their annual refresher course titled BIR/BSHNI Head and Neck Imaging Refresher Course 2023 in Leeds. 97% of delegates rated the event “excellent” or “good”.

### American Society of Nuclear Cardiology



Our successful partnership with the American Society of Nuclear Cardiology continued with a virtual event solely sponsored by Siemens Healthineers on Nuclear cardiology practice: Guidelines and recent developments, which had 336 registrations and had an educational and technical rating of 97% and 93%, respectively.

### Collective Minds



New corporate members Collective Minds provided their cloud-based case viewing platform for a range of events this year, including the BIR Annual Congress.

### Indian Radiological Imaging Association and Apollo Radiology International



We worked with the Indian Radiological Imaging Association (IRIA) and Apollo Radiology International (ARI) to provide an online physics course to support participants taking the FRCR Part II Physics exam.

# BIR VIDEO COURSES

Engaging | Memorable | Relevant

**Our video courses continue to be popular with individuals and groups, and enable people to engage in high-quality training on a limited budget, without the need to take a whole day away from the workplace.**

This year we launched “Effective communication with your patient in imaging and therapy” and “MRI essentials” for all professionals in imaging and therapy. Two new courses for non-medical referrers were also launched “Referring your patient for imaging for GPs and medical doctors” and “Requesting imaging safely for nurses and AHPs”, taking the number of courses in the series to seven.



## Effective communication with your patient in imaging and therapy

This course covers how to communicate with your patient through patient imaging and treatment pathways, and how to adapt your practice for different patient groups such as transgender and gender-diverse patients, paediatric patients, and those with claustrophobia, anxiety, autism, dementia and more.

*“I thought the course was really informative, easy to understand and covered many of the different aspects of communication required by a radiographer”.*

Helen Estall, MRI Consultant Radiographer, University Hospitals Leicester.

Alliance Medical Ireland purchased a group licence, so all staff across the organisation could complete the course.

## MRI essentials

This course gives guidance on fulfilling MRI responsibilities safely and effectively, understanding the contrast used in MRI scanning and best practice for patient preparation. 100% of participants have rated the course excellent or good and 100% would recommend to a colleague.



*“We chose this video course because Alliance Medical Ireland aims to create a workplace promoting equality, diversity and inclusion and a culture that values everyone free from bias and discrimination but ultimately that starts with our patients”.*

**Amy Owens**

*Quality Manager and Data Protection Officer, Alliance Medical Diagnostic Imaging Ltd.*

### Also available in the BIR video series:

Radiation Safety

Dose: Practice and principles of optimisation and safety

PET-CT Essentials

**Coming soon:** CT Essentials

# Special interest groups and branches

**Our Special Interest Groups (SIGs) and branches develop much of our face-to-face and online educational programme, meeting regularly to discuss and ensure our programme covers the most relevant and useful topics, as well as helping to determine policy, produce guidance, position papers and contribute to publishing.**

The BIR Artificial Intelligence and Innovations SIG began as a small group in January 2022, and as a team, they have grown their educational output from a small specialist event, to an Annual AI Congress which has developed a reputation as one of the most important AI events in the imaging community. This year the Annual AI Congress was attended by 123 delegates, and the packed exhibition space was sold out. As well as contributing to the AI Essentials webinars (see page 11), they began work on the first AI Roundtable and we look forward to publishing the output in Autumn 2023.



Dr Amrita Kumar introduces the AI Congress in March 2023

*“It has been an absolute pleasure to chair the AI and Innovations SIG. We have brought together multiple stakeholders across the imaging communities, including radiologists, radiographers, physicists, trainees, academia and industry. This diversity in expertise and collaboration has resulted in attracting the leading experts in the UK and internationally for our Annual AI Congress, as well as the first national AI teaching webinar course, in conjunction with Health Education England. The interplay of industry, academia and clinicians has also played a pivotal role in engaging and disseminating information across the entire clinical innovation pathway, which has raised the profile of the BIR.”*



**Dr Amrita Kumar**

*Chair of the AI and Innovations SIG and Consultant Radiologist and Clinical Lead AI, Frimley Health*

SIG	Chaired by
<b>AI and Innovations SIG</b>	<b>Dr Amrita Kumar</b> <i>Consultant Radiologist</i>
<b>Clinical Imaging</b>	<b>Dr Ali Shah</b> <i>Consultant Radiologist</i>
<b>Leadership and Management</b>	<b>Dr Elizabeth Loney</b> <i>Consultant Radiologist</i>
<b>Magnetic Resonance</b>	<b>Professor Martin Graves</b> <i>Head of MR Physics and Radiology IT</i>
<b>Nuclear Medicine and Molecular Imaging</b>	<b>Dr Daniel McGowan</b> <i>Consultant Clinical Scientist</i>
<b>Oncology and Radiotherapy</b>	<b>The Rev Canon Dr Mike Kirby</b> replaced in October 2022 by <b>Professor Keith Langmack</b> <i>Head of Radiotherapy Physics</i>
<b>Radiation Safety</b>	<b>Mr Peter Hiles</b> <i>Head of Radiation Physics</i>
<b>Young Professionals and Trainees</b>	<b>Dr Sally Zebari</b> <i>Trainee Radiologist</i> replaced in June 2022 by <b>Dr Meghavi Mashar</b> <i>Trainee Radiologists</i>

Branch	Chaired by
<b>East of England</b>	<b>Dr Nicholas Screaton</b> <i>Consultant Cardiothoracic Radiologist</i>
<b>Midlands</b>	<b>Dr Salil Karkhanis</b> <i>Consultant Radiologist</i>
<b>Scotland</b>	<b>Dr Khalid Ali</b> <i>Consultant Musculoskeletal Radiologist</i>
<b>South West</b>	<b>Professor Sanjay Gandhi</b> <i>Consultant Radiologist</i>
<b>Wessex</b>	<b>Dr Ausami Abbas</b> <i>Consultant Radiologist</i> Dr Abbas stepped down as Chair in November 2022 and a new Chair has yet to be appointed

# Membership

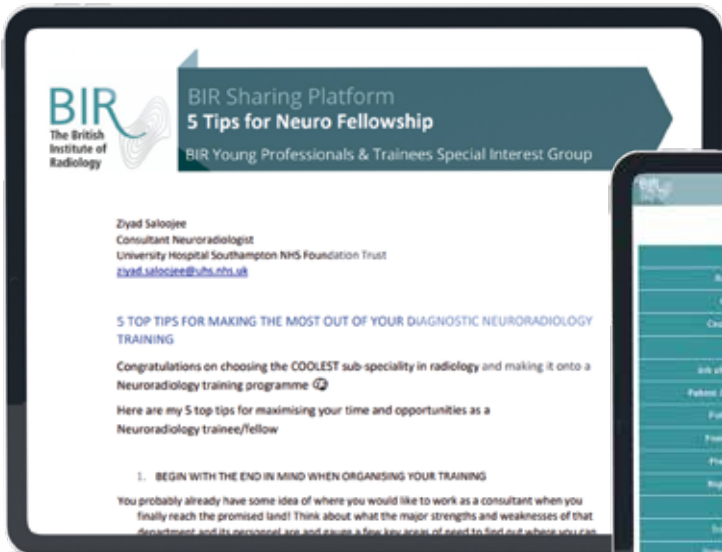
This year we reached the milestone of

**4,045** the highest number of  
**members** BIR members ever

## New resources for early career professionals

We launched a new feature in the BIR Sharing Platform that gives easy access to resources of use to trainee radiologists and doctors considering a career in radiology. The Young Professionals and Trainee Special Interest Group worked as a team to devise and design over ten useful resources that can be easily accessed on the platform.

So far, these resources have been downloaded over 400 times.



## Posters and clips

Not only do we host our own academic posters for our events on the BIR website, this year we extended the facility to our colleagues at the International Association of DentoMaxilloFacial Radiology (IADMFR). Participants can also post their “clips” of videos, providing a useful resource for Congress delegates.

## Introducing Associate membership

We launched a new category of membership in conjunction with our BIR Nurses and Radiographer Study Day in October 2022. The new Associate Membership Plan, which was awarded to all attending nurses, gives nurses and other healthcare professionals involved in imaging the opportunity to get involved in the BIR community. Associate Membership includes access to online benefits and special rates on selected relevant events.

## International membership

International membership has doubled in the last year and now represents 14% of BIR members.

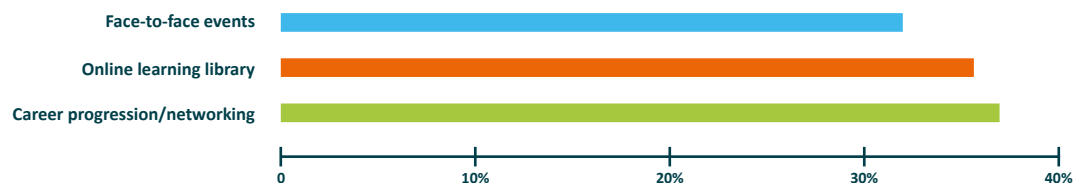


## Launch of new portal

Our new look-and-feel portal launched in June 2022 with easier navigation and self-service functionality. The forthcoming events page had a make-over too.

**36%**  
of members  
joined for our  
Online Learning  
Library

Top 3 reasons members joined last year



The Online Learning Library entered the top three most popular reasons members joined last year alongside Career progress/networking and face-to-face events. Launched in 2017, this members' library has grown in content, with many recorded talks available.

# Corporate membership

**This year we were delighted to welcome new members Collective Minds, Coreline, Hexarad and Radformation.**

Our corporate members are integral to the BIR. We welcome participants from industry on our Special Interest Groups management committees and on Council, and they play a vital part in enabling us to deliver high-quality online, in-person events and publishing activities to the imaging and therapy community.

We are grateful to our platinum sponsors for their commitment to the BIR education programme.



**PHILIPS**

**SIEMENS**  
**Healthineers**



## Our corporate members



“Collective Minds is excited to partner with BIR. Our radiology education platform enhances interactivity and real-world data access for medical imaging training, and we are committed to supporting BIR and their radiologists worldwide to improve patient care through transformative learning experiences”.

**Anders Nordell**  
 CEO and Co-Founder of  
 Collective Minds Radiology



# BIR WORLD PARTNER

## Network



We continue to send our World Partner Network partners regular resources to support their members. This year we were pleased to welcome the Egyptian Society of Radiology and Nuclear Medicine (ESRNM) and the African Society of Radiology (ASR) to the network.

“As part of the BIR World Partner Network, the members of the ESRNM and the ASR will benefit enormously from the free resources regularly provided by the BIR. Looking forward to more cooperation and support from the BIR to my national and continent societies”.

**Prof. Tarek El-Diasty**  
President, ESRNM and Immediate past president ASR.



### Throughout the year, we celebrated our 125th anniversary in different ways:

Not only did Dr Adrian Thomas, BIR Honorary Historian (below, left), provide a super exhibition at our Annual Congress (see page 10) but he also hosted two webinars. “The BIR, A Celebration”, explored the early days of our society, and how it has developed to match the needs of a changing world. In a second webinar called “The BIR at 125: A Conversation and A Celebration”, Adrian chatted with Dr Emily Grossman (below, right) as they unpicked what is so unique about the BIR and why people all over the world are passionate about this in our society. You can watch these in the BIR Online Learning Library.

We rounded the year off with the last of our series “A conversation with...” in a discussion between three physicists at different stages of their career. Professor Stephen Keevil (below, centre) chatted to Theodora Skopidou (below, left) and Katharine Thomson (below, right) about their passion for their career and the challenges for medical physicists in the future. Listen to all the podcasts here [www.birpublications.org/page/podcasts](http://www.birpublications.org/page/podcasts)



# Safety first for all

**Safety for patients and staff is vitally important to the imaging and therapy community, and this is the focus of our campaigns at the BIR.**



## Position statement for non-medical referrers

This year our Radiation Safety Special Interest Group produced a position statement on Governance requirements for non-medical referrers to radiology. This document defines the role of the non-medical referrer and ensures they are practicing responsibly and safely. This was published in BJR: [www.birpublications.org/doi/10.1259/bjr.20220749](http://www.birpublications.org/doi/10.1259/bjr.20220749).



## MR Safety Week 25–29 July 2022 #MRSAFETY

Each year in MR Safety week, we provide useful resources to members and anyone who has opted in to receive our mailings. This year we produced three podcasts and two advice sheets that were shared widely to remind health professionals about specific aspects of MR Safety. All the podcasts were led and introduced by Dr Mark Radon, Consultant Neuroradiologist at The Walton Centre in Liverpool.



## Podcast: MR safety and cardiac devices

Dr Charlotte Manisty, Consultant Cardiologist at University College London, and Dr Jonathan Ashmore, Clinical Scientist at NHS Highland, discuss on the issues around scanning patients with cardiac pacemakers.



## Podcast: The radiographic role

This discussion between Dr Radon and Alexandra Lipton focussed on the important role of the radiographer in the patient's journey through an MRI scan.



## Podcast: The IPEM MRSE Certificate of Competence

Dan Wilson talks about the IPEM Magnetic Resonance Safety Expert (MRSE) certificate of competence.



## Radiation Safety Week 27 February to 3 March 2023 #RADIATIONSAFETY

For Radiation Safety Week 2023, we provided four advice sheets on patient skin dose management, lead apron screening, non-medical referrers to imaging and classification of nuclear medicine staff. These were sent in daily emails and shared and discussed on social media.

# Awards and prizes

**BIR awards and prizes recognise and applaud the hard work and achievements of our imaging and radiation oncology community. We were proud to present the following awards this year:**

## **BIR MEDAL FOR OUTSTANDING INTERNATIONAL ACHIEVEMENT**

Awarded to **Professor Søren M. Bentzen**

Outstanding contributions to the advancement of radiotherapy practice through translational research.

## **SIR GODFREY HOUNSFIELD MEMORIAL LECTURE**

*Established in memory of Sir Godfrey Hounsfield and his pioneering work in CT. The lecture is normally given at the BIR's Annual Congress.*

Awarded to **Dr Thomas Flohr**

Lecture entitled "A brief history of computed tomography – from Hounsfield's brain scanner to photo counting CT".

## **AIDENCE MAYNEORD MEMORIAL LECTURE**

*Founded in memory of Professor W. V. Mayneord CBE FRS, past president of the BIR.*

Awarded to **Dr Giles Maskell**

Lecture entitled "Practising radiology".

## **BAYER MAKE IT BETTER**

Awarded to **Miss Ruby Callister and team**

Improving the patient imaging pathway for pelvic and acetabular fixation patients.

## **SIEMENS RESEARCH AWARD**

Awarded to **Dr Kevin Chiu**

For the project to move towards Fully Automated Adaptive Radiotherapy in Head and Neck Cancer.

## **NIC MCNALLY**

Awarded to **Mr Christian Cooper**

The paper entitled "Comet assay profiling of FLASH-induced damage: mechanistic insights into the FLASH effect".

**Dr Victoria Dunne**

The paper entitled "Impact of DNA-repair gene mutations on radiobiological and immune response to radium-223 in metastatic castrate resistant prostate cancer".



*Professor Stephen Keevil (BIR) presents the BIR Medal for Outstanding International Achievement to Professor Søren M. Bentzen*

## **BJR Awards**

### **BARCLAY MEDAL**

*Founded in 1952 in memory of Dr Alfred Ernest Barclay, the Barclay Medal is awarded annually to a person whose contribution to BJR has been a piece of original research of special merit.*

Awarded to **Eleftherios Karanasios, Iztok Caglic, Jeries P. Zawaideh and Tristan Barrett**

For the paper entitled: Prostate MRI quality: clinical impact of the PI-QUAL score in prostate cancer diagnostic work-up doi.org/10.1259/bjr.20211372.

### **EARLY CAREER INVESTIGATOR AWARD (SPONSORED BY JUSHA)**

*This is aimed at encouraging early career professionals in the general areas of diagnostic imaging, radiotherapy and related topics to carry out and publish research.*

Awarded to **Christian R Cooper, Donald Jones, George D D Jones and Kristoffer Petersson**

For the paper entitled: FLASH irradiation induces lower levels of DNA damage ex vivo, an effect modulated by oxygen tension, dose, and dose rate doi.org/10.1259/bjr.20211150.

### **DR PRAFULLA KUMAR GANGULI AWARD**

*The award is made to the author of an outstanding original case report published in BJR|Case reports during the previous calendar year.*

Awarded to **Chin Harn Yap, Danielle Coupland, John Au and Smita Raju**

For the paper entitled: Duodenum inversum: a rare cause of nausea and epigastric pain doi.org/10.1259/bjrcr.20210144.

# BIR Recognition Awards

## BIR DISTINGUISHED SERVICE MEDAL

The BIR Distinguished Service Medal is the gift of the President and is awarded to individuals who have made a special contribution to the BIR.

Awarded to **Dr Nicola Strickland, Mr Peter Hiles**



Dr Nicola Strickland

Dr Sri Redla (left) with Peter Hiles

## Fellows and Honorary fellows

In September 2022, the following individuals became BIR Fellows or Honorary Fellows. We honour our members in this way to recognise their generous support and commitment to the organisation.

### Fellows

- |                          |                           |
|--------------------------|---------------------------|
| Professor Stephen Keevil | Dr Dan McGowan            |
| Dr Kannan Rajesparan     | Dr Rosalind Givens-Wilson |
| Mr Andrew Craig          | Dr Mike Kirby             |
| Mr Russell Lodge         | Dr Shaunak Navalkisoor    |
| Dr Elly Castellano       | Dr Jim Zhong              |
| Mrs Wendy Wilkinson      |                           |

### Honorary Fellows

- Professor Katja Pinker-Domenig
- Professor Habib Zaid



“Reading the wide variety of papers on breast imaging, organising reviews and critically appraising suitability for publication in BJR, has immensely enriched my knowledge and understanding. It has been a privilege to be part of the BJR team and I am honoured to have been made a Fellow”.

**Dr Rosalind Givens-Wilson**  
Consultant Radiologist, St Georges Healthcare NHS Trust.



“I have been fortunate and honoured to be involved in the passionate activities of the BIR through roles in the Clinical Imaging SIG, BIR Council and as Honorary Secretary. I am enormously grateful for the opportunities I have had to contribute in a positive way to the radiology community through the BIR”.

**Dr Kannan Rajesparan**  
Consultant Radiologist, University College London Hospitals.



“I have always appreciated the flexibility which the BIR offers when organising events, as well as the multi-disciplinary ethos. It has been lovely to get to know the BIR staff over the many years I have been involved, they are an excellent asset for the BIR!”

**Dr Daniel McGowan**  
Head of Education and Research, Consultant Clinical Scientist, Oxford University Hospitals NHS Foundation Trust.

# Finances

**Income for the year ending on 31 March 2023 was £2.181 million compared to £1.995 million in the 12 months to 31 March 2022.**

The principal sources of revenue for the British Institute of Radiology are publishing (£1.028m), education (£660k), membership (£300k), BIR video courses (£37k) and dividend income from the investment portfolio (£156k). The education team saw a £166k increase on income versus prior year with the welcome return of face-to-face events post-COVID, attracting both registrations and sponsorship revenue.

Expenditure was £2.21 million for the 12 months to 31 March 2023 compared to £1.88 million for the 12 months to 31 March 2022. The principal areas of expenditure were publishing (£772k), education (£946k), membership (£338k) and BIR video courses (£100k).

At an operating level, the Institute recorded a deficit of £29,927 for year ending 31 March 2023, which compares with a surplus of £110,950 for the 12 months to 31 March 2022. The Institute recorded a net deficit of £248,383, in comparison to a net surplus of £403,123 in the previous year, reflecting a decrease in the investment portfolio of £218,456, versus an increase in the prior year of £292,173.

During challenging times of extremely high inflation, the team worked hard to mitigate against increased costs.



# Statement of financial activities

YEAR ENDED 31 MARCH 2023	2022 £'000	2021 £'000
<b>INCOMING RESOURCES</b>		
Donations	-	7
Publishing	1,028	1,027
Education	660	493
Membership	300	276
BIR video courses	37	30
Other Income	156	162
<b>Total Incoming Resources</b>	<b>2,181</b>	<b>1,995</b>
<b>RESOURCES EXPENDED</b>		
Publishing	772	858
Education	946	556
Membership	338	329
BIR video courses	100	99
Governance costs	12	12
Other	10	1
Investment management fees	33	29
<b>Total Resources Expended</b>	<b>2,211</b>	<b>1,884</b>
<b>Net outgoing resources for the year</b>	<b>(30)</b>	<b>111</b>
<b>Unrealised (loss) gain on investments</b>	<b>(218)</b>	<b>292</b>
<b>Net movement in funds</b>	<b>(248)</b>	<b>403</b>
<b>Funds brought forward</b>	<b>5,815</b>	<b>5,412</b>
<b>Funds carried forward</b>	<b>5,567</b>	<b>5,815</b>
<b>BALANCE SHEET AS AT 31 MARCH 2023</b>		
Tangible Fixed Assets	84	57
Investments at Market Value	5,241	5,628
<b>Total Fixed Assets</b>	<b>5,325</b>	<b>5,685</b>
Current Assets	1,816	1,295
Current Liabilities	(1,574)	(1,165)
<b>Net Assets</b>	<b>5,567</b>	<b>5,815</b>



Registered charity number 215869

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