

UKRIO ANNUAL CONFERENCE 2022

EVENT PROGRAMME

WELCOME

Dear friends and colleagues,

I'm delighted that you are joining us for this year's UKRIO conference.

Society is facing major challenges, such as sustainability and the impact of the ongoing pandemic. The research community, like other bodies, is considering how best to respond. What can we do to help address these global issues? How should we change our ways of working and the systems which govern and support research? How can we support a culture of high quality and ethical research, now and in the future?

Our speakers will share their perspectives on 'good research practice: culture, environment and sustainability', discussing lessons learned and exploring how we can improve practices and systems. I hope you enjoy our event and we look forward to hearing your own perspectives in the ensuing discussions, during the conference and afterwards.

Our online events programme is allowing us to reach more people than ever and we'll be continuing that in 2022 and beyond, with regular webinars and other virtual events. Please visit [our website](#) for more information on the work of our charity, including our new five-year strategy, information on [how to volunteer with us](#) and how research organisations can [subscribe to UKRIO](#).

James Parry

Chief Executive, UK Research Integrity Office

EVENT OVERVIEW

The theme of our charity's 2022 conference is 'Good research practice: culture, environment and sustainability'. Speakers from across the research community will come together to discuss key topics in research integrity, such as how do we make sure research is high quality and of high ethical standards during these challenging times? How can we ensure rigour and reproducibility, adapt to new ways of working, reduce waste in research, and respond to the wider issues facing society?

Building on the successes of our bi-monthly [research integrity webinars](#) and [our 2021 conference](#), this two-day event will be entirely online and will be free to attend, taking place on **Wednesday 25 May and Thursday 26 May**.

UKRIO's annual conference is the principal research integrity event in the UK and, since 2013, has been an essential resource for the research community and policy makers.

We are delighted to announce the keynote speakers for our 2022 conference:

Sir Patrick Vallance

FRS FMedSci FRCP, Government Chief Scientific Adviser

Dr Elisabeth Bik

Winner of the 2021 John Maddox Prize

Professor Astrid Eichhorn

Chair of the ALLEA Working Group Climate Sustainability in the Academic System

Professor James Wilsdon

Director, Research on Research Institute (RoRI)

Conference sessions will explore how the research community can work together to:

- Safeguard and enhance good research practice.
- Embed a culture of integrity in the research that we do, in the organisations in which we work, and in the systems which fund, monitor, assess and disseminate research.
- Share perspectives and knowledge to support each other and to help ensure diversity and equality of participation.
- Respond to global challenges such as sustainability and the impact of the ongoing pandemic.

This event will allow for interaction and encourages participants to share their experiences and discuss the issues that matter to them during Q&A sessions with our speakers (anonymously, if they so wish).

This conference is aimed at anyone with an interest in good research practice, research integrity, research ethics, improving research culture or research systems, ensuring quality and high ethical standards in research, or in addressing sloppiness or misconduct in research.

The event will be of particular interest to researchers, research students and professional services supporting research; people with managerial, supervisory or leadership roles in research; and people working in the fields of research integrity, research ethics, research culture, research governance or research policy.

SCHEDULE

DAY 1: Wednesday 25 May 2022, 10.00am-4.00pm

10.00am	EVENT OPEN
10.02am	Introduction and welcome James Parry, Chief Executive, UK Research Integrity Office
10.10am	Welcome from Chair Professor Sir Ian Boyd FRS FRSE FRSB, Chair, UK Research Integrity Office
10.15am	RESEARCH CULTURE
10.15am	Climate sustainability of the academic system Dr Astrid Eichhorn, Associate Professor, University of Southern Denmark and Speaker of Die Junge Akademie (German Young Academy)
11.00am	A culture of integrity: through the lens of supervision Dr Sam Oakley, Researcher Development & Integrity Specialist, University of Glasgow
11.40am	We're past awareness raising, it's now time for lowering barriers and incentivise open science! Dr Samuel Westwood, University of Westminster
12.20pm	Embedding EDI in Research Practice and Culture Dr Rachel Cowen, Director of the Centre for Academic and Researcher Development, Faculty of Biology, Medicine and Health, University Academic Lead for Equality Diversity and Inclusion (Gender and Sexual Orientation Equality) and Senior Lecturer in the Division of Medical Education, University of Manchester
1.00pm	LUNCH (<i>Event paused</i>)
2.00pm	SYSTEMS AND INFLUENCES ON RESEARCH INTEGRITY
2.02pm	Can We Fix It? Are incremental tweaks to research practices, cultures and assessment frameworks sufficient, or do we need more radical system change? James Wilsdon FAcSS, Director, Research on Research Institute (RoRI), Digital Science Professor of Research Policy, Information School, University of Sheffield
2.40pm	Panel Discussion: Collaborative working in the research integrity landscape Representatives of: Research Integrity Concordat Signatories Group, UK Committee on Research Integrity (UK CORI) and UK Reproducibility Network (UKRN)
3.20pm	Combatting predatory journals and conferences Mrs Susan Veldsman, Director: Scholarly Publishing, Academy of Science of South Africa (ASSAf)
4.00pm	DAY ONE CLOSED

DAY 2: Thursday 26 May 2022, 10.00am-1.00pm

10.00am	EVENT OPEN
10.02am	Introduction and welcome James Parry, Chief Executive, UK Research Integrity Research Office and Sir Ian Boyd, FRS FRSE FRSB, Chair, UK Research Integrity Office
10.05am	PERSPECTIVES ON RESEARCH PRACTICE
10.05am	Perspectives on research integrity Sir Patrick Vallance FRS FMedSci FRCP, Government Chief Scientific Adviser (GCSA), Head of the Government Science and Engineering (GSE) Profession and National Technology Adviser (NTA)
10:50am	Misconduct in Biomedical Research: Inappropriate Image Duplications Elisabeth Bik, PhD, Science Integrity Consultant, Harbers Bik LLC, San Francisco, CA, USA
11.30am	Three steps to take with open science and qualitative methods Peter Branney, Associate Professor of Social Psychology, Faculty of Management, Law & Social Sciences, University of Bradford
12.15pm	Environmental Sustainability in the practice of research and innovation Alison Robinson, Deputy Executive Chair & Director, Corporate Affairs, Natural Environment Research Council, UKRI Environmental Sustainability
1.00pm	MAIN CONFERENCE CLOSED

DAY 2: UKRIO 2022 SUBSCRIBER VIRTUAL MEETING

2.00pm	EVENT OPEN
2.00pm	UKRIO Stakeholder Forum UKRIO representatives
2.40pm	Research integrity champion models UKRIO and subscriber representatives
3.20pm	Research misconduct procedure and related topics UKRIO and subscriber representatives
4.00pm	EVENT CLOSED

DAY 1

Wednesday 25 May 2022
10.00am-4.00pm

INTRODUCTION AND WELCOME



Professor Sir Ian Boyd

FRS FRSE FRSB, Chair, UK Research Integrity Office

He is a professor of biology at the University of St Andrews, where he is also an adviser to the Principal, President-elect of the Royal Society of Biology and a non-executive director of UK Research and Innovation (UKRI).

A zoologist, environmental and polar scientist, he was former Chief Scientific Adviser at the Department for Environment, Food and Rural Affairs (DEFRA) and was Director of the Scottish Oceans Institute. He also created the Marine Alliance for Science and Technology for Scotland. Before this he spent 14 years leading research at the British Antarctic Survey. Recently he has been an attendee at the Science Advisory Group for Emergencies (SAGE) which was established to provide scientific advice to the UK government during the COVID-19 pandemic.

He has degrees from the Universities of Aberdeen, Cambridge and Exeter and has received a number of awards for his research and leadership. He is a recipient of the Polar Medal and he was knighted in the 2019 Birthday Honours for services to science and economics on food and the environment. He was elected a Fellow of the Royal Society in May 2021 and is also a Fellow of the Royal Society of Biology and the Royal Society of Edinburgh.



James Parry

Chief Executive, UK Research Integrity Office

James is the Chief Executive of the UK Research Integrity Office. Joining UKRIO in 2006, he took up his current role in 2008, overseeing UKRIO's transition to a registered charity [supported by over 100 research organisations](#).

He directs UKRIO's work programme and leads its advisory service, responding to queries and concerns about research practice from researchers and the public. He helped develop UKRIO's [Code of Practice](#) for Research and [other publications](#), used by many leading research organisations.

James works with UKRIO's subscribers to provide them with tailored support on [research practice](#). He regularly speaks on how to sustain and enhance research integrity; audiences have included the Royal Society, the Nuffield Council on Bioethics, the Irish National Forum on Research Integrity, the new UK National Research Integrity Forum and the World Conference on Research Integrity.

James has collaborated in numerous initiatives to support research integrity. He contributed to the Royal Society-UKRIO project [Integrity in Practice](#), a tool kit examining ways to effect positive change to research culture, and is an Observer on the Concordat Signatories Group, helping with the revision of the UK [Concordat to Support Research Integrity](#).

Prior to joining UKRIO James worked as an archaeologist and a university administrator.

RESEARCH CULTURE

KEYNOTE SPEAKER



Dr Astrid Eichhorn

Associate Professor, University of Southern Denmark and Speaker of Die Junge Akademie (German Young Academy)

Astrid is a theoretical physicist whose research focuses on the fundamental building blocks of nature.

She obtained her PhD in 2011 at the University of Jena, Germany, before holding postdoc positions at the Perimeter Institute in Canada and Imperial College, London. In 2016, she became a junior research group leader at Heidelberg University, where she established her first research group, which she afterwards moved to CP3-Origins, University of Southern Denmark, where she became an associate professor in 2019.

She has won awards for her research and teaching and has been elected to the German Young Academy (Die Junge Akademie) in 2018, where she became a member of the board in 2020, and the academy's speaker in 2021.

She also leads the working group on “climate sustainability in the academic system” at the European Federation of Academies, ALLEA.

RESEARCH CULTURE



Dr Sam Oakley

Researcher Development & Integrity Specialist, University of Glasgow

Sam is a member of Research & Innovation Services and her role as Researcher Development and Integrity Specialist is focussed on ensuring researchers have appropriate training and resources to develop their research capacity. This includes research integrity training, delivering the researcher development objectives of the Early-Career Development Programme, and facilitating events such as the Glasgow Crucible and our Research Staff Conference.

Sam originally completed a PhD in Egyptology following on from a degree in Ancient History and Archaeology. She then worked as a computer programmer and analyst in the finance industry. She re-trained as a librarian in 2003 and specialised in Research Support covering open research, bibliometrics and the REF, including training and staff development activities. Sam became a Chartered Librarian in 2007 and a Fellow of the Higher Education Academy in 2017. Before joining the University of Glasgow in 2019 she was working in scholarly communications, specialising in library research support activities such as open access, research data management, the REF, bibliometrics, research impact and research profiles.

RESEARCH CULTURE



Dr Samuel Westwood

University of Westminster

Samuel Westwood is cognitive neuroscientist based at the University of Westminster. His research focuses on providing best practice guidance in non-pharmacological treatments for attention-deficit/hyperactivity disorder (ADHD). As a keen advocate of open science, he set up the RIOT Science Club, an early career research led seminar series providing training in best research practice, which is now supported by the UK Reproducibility Network and was recently awarded the Society for Improving Psychological Science Commendation Award. For his work in promoting open science, Samuel was shortlisted for the Dorothy Bishop Early Career Researcher Prize.

You can find him on Twitter ([@westwoodsam1](https://twitter.com/@westwoodsam1)) where he tweets regularly (usually about his miniature dachshund, Stanley).

RESEARCH CULTURE



Dr Rachel Cowen

Director of the Centre for Academic and Researcher Development, Faculty of Biology, Medicine and Health, University Academic Lead for Equality Diversity and Inclusion (Gender and Sexual Orientation Equality) and Senior Lecturer in the Division of Medical Education, University of Manchester

Rachel has 25 years' experience as a cancer researcher, organisational developer and equalities champion in HE. She has led institutional strategy, policy and practice developments and works with a network of inspirational colleagues to support academic excellence and significant equalities progress. In particular she has been a vocal and passionate advocate for inclusive culture change working towards a system that rewards and values diverse researchers and academics and inclusive academic practice. Rachel is a national Athena Swan panel chair and Principal Fellow of the Higher Education Academy.

SYSTEMS AND INFLUENCES ON RESEARCH INTEGRITY

KEYNOTE SPEAKER



James Wilsdon

FAcSS, Director, Research on Research Institute (RoRI), Digital Science Professor of Research Policy, Information School, University of Sheffield

James is an interdisciplinary social scientist who works on the governance and management of science and research, and the relationship between evidence and decision-making. Over his career, in addition to academic posts at the universities of Sheffield, Sussex and Lancaster, he has worked in public policy, think tanks and at the UK's national academy of science.

Since 2016, James has been based at the University of Sheffield, where he is now [Digital Science](#) Professor of Research Policy and Director of the [Research on Research Institute \(RoRI\)](#) - an international consortium of research funders, academics and technologists with a mission to accelerate transformational and translational research on research systems, cultures and decision-making. RoRI's consortium now includes 20 research funders from 15 countries, who between them invest over US\$ 23bn each year in research and innovation.

Since the late-1990s, as a researcher, writer, policy adviser and social entrepreneur, James has worked at the heart of science and research policy in the UK and internationally. He pioneered and advanced concepts such as [upstream public engagement](#), [science diplomacy](#), [responsible metrics and responsible research assessment](#); and has co-founded or chaired initiatives such as [People & Planet](#); the [Campaign for Social Science](#); the [International Network for Government Science Advice \(INGSA\)](#); the [UK Forum for Responsible Research Metrics](#); the [Royal Society Science Policy Centre](#). and the [Research on Research Institute \(RoRI\)](#).

In 2014, he was invited to chair an independent UK government review of research metrics, published as [The Metric Tide](#). James subsequently chaired a European Commission expert group on [Next Generation Metrics](#). He also directed the ESRC's [Nexus Network](#), a £1.7m initiative to link research and policy on food, energy and water.

Previously, James worked as professor of science and democracy in the Science Policy Research Unit (SPRU) at the University of Sussex (2011-15); director of science policy at the Royal Society (2008-11); head of science and innovation at the think tank Demos (2001-08); senior research fellow at Lancaster University's Institute for Advanced Studies (2006-08); special adviser to the UK Sustainable Development Commission (2000-01); and senior policy adviser at Forum for the Future (1997-01).

James contribute regularly to the media, and from 2013-18, co-edited The [Guardian's 'Political Science' blog](#) (now hosted by [Research Professional](#)) and has also written for the Financial Times, Nature, Science, Times Higher Education, Research Fortnight and Wonkhe. In 2015, he was elected a Fellow of the [Academy of Social Sciences](#), he serves on the editorial board of the OA journal [Humanities and Social Sciences Communications](#) and tweet [@jameswilsdon](#).

SYSTEMS AND INFLUENCES ON RESEARCH INTEGRITY



Mrs Susan Veldsman

Director: Scholarly Publishing Academy of Science of South Africa (ASSAf)

Susan Veldsman was appointed to the position of Director: Scholarly Publication Unit at the Academy of Sciences in South Africa, in January 2009. She is responsible to drive the Open Science agenda by advocating for the opening up of the entire research process from agenda-setting to the dissemination of findings. She is also responsible for raising the visibility, discoverability and accessibility of South African scholarly journals through Open Access; improve the quality, research integrity and ethics of SA research output; find ways and solutions to further support the development of policy frameworks in order to facilitate optimal use and access to publicly funded research. Recently, she was the Co-chair of the IAP Report on “Combatting Predatory Journals and Conferences”, which was launched on the 16th March 2022.

She received the Electronic Publishing Trust (EPT) award for her outstanding contribution to the promotion of Open Access in Developing Countries. Early in her career, she started off as a Librarian, at various Higher Education Institutes. During 2002 she moved to the South African National Library and Information Consortium (SANLiC) where she was responsible for negotiating access to commercial databases and was actively involved in promoting Open Access and setting up Institutional Repositories. She continued this work, in 2006, in an international consortium, eIFL.net, in other transitional and developing, member countries worldwide.

DAY 2

Thursday 26 May 2022
10.00am-1.00pm

PERSPECTIVES ON RESEARCH PRACTICE

KEYNOTE SPEAKER



Sir Patrick Vallance

FRS FMedSci FRCP, Government Chief Scientific Adviser (GCSA), Head of the Government Science and Engineering (GSE) Profession and National Technology Adviser (NTA).

Sir Patrick Vallance FRS FMedSci FRCP is Government Chief Scientific Adviser (GCSA), Head of the Government Science and Engineering (GSE) Profession and National Technology Adviser (NTA). His personal research was in the area of diseases of blood vessels and endothelial biology.

Patrick was President, R&D at GlaxoSmithKline (GSK) from 2012 until 2017. Prior to this, he was Senior Vice President, Medicines Discovery and Development. He joined the company in May 2006 as Head of Drug Discovery. He was a member of the GSK Board and the Corporate Executive Team. During his period as head of R&D over 14 new medicines were approved for use worldwide, for diseases ranging from cancer to asthma and HIV.

Prior to joining GSK, he was a clinical academic, Professor of Medicine and led the Division of Medicine at UCL. He has over 20 years' experience of basic and clinical research, and was a consultant physician in the NHS. His research spanned from work on medicinal chemistry and structural biology, through to cellular work, studies in humans and use of large electronic health record databases.

He was elected to the Academy of Medical Sciences in 1999 and to the Royal Society in 2017. He was on the Board of the UK Office for Strategic Co-ordination of Health Research (OSCHR) from 2009 to 2016. He is an Honorary Fellow at UCL and holds honorary degrees from Imperial College London, Glasgow University, University of York and St George's, University of London. He was a non-executive director and board member for UK Biobank and a non-executive board member for Genome Research Limited but stepped down in taking up the GCSA role.

PERSPECTIVES ON RESEARCH PRACTICE

KEYNOTE SPEAKER



Elisabeth Bik

PhD, science integrity consultant, Harbers Bik LLC, San Francisco, CA, USA

Elisabeth Bik, PhD is a Dutch-American microbiologist who has worked for 15 years at Stanford University and 2 years in industry. Since 2019, she is a science integrity volunteer and occasional consultant who scans the biomedical literature for images or other data of concern and has reported over 6,000 scientific papers. For her work on science communication and exposing threats to research integrity she received the Peter Wildy Prize, the John Maddox Prize, and the Ockham Award.

Find out more:

<https://microbiologysociety.org/grants-prizes/all-prizes-and-competitions-/prize-lectures/peter-wildy-prize-lecture/peter-wildy-prize-winners.html>

<https://senseaboutscience.org/activities/john-maddox-prize-2021-winners-announcement/>

<https://www.skeptic.org.uk/about/the-ockham-awards/ockham-awards-2021/>

<https://journals.asm.org/doi/10.1128/mbio.00809-16>

<https://www.newyorker.com/science/elements/how-a-sharp-eyed-scientist-became-biologys-image-detective>

<https://www.theguardian.com/science/2021/aug/03/microbiologist-elisabeth-bik-queried-covid-research-thats-when-the-abuse-and-trolling-began>

<https://www.nature.com/articles/d41586-020-01363-z>

PERSPECTIVES ON RESEARCH PRACTICE



Peter Branney

Associated Professor of Social Psychology, Faculty of Management, Law & Social Sciences, University of Bradford

A Fellow of the British Psychological Society, Higher Education Academy and the Royal Society of Arts, Dr. Branney excels at challenging projects that will have an impact. Dr. Branney has undertaken a programme of award winning, internationally leading work exploring to improve experiences of healthcare through interventions that are local, proximal and distal to patients' interactions with services. Dr. Branney co-authored the UK Department for Health report, 'The Gender & Access to Services Study' and led the first national study of Patients' Experiences of Penile Cancer (PEPC), which is published on the award winning www.healthtalk.org and featured on BBC Radio 4s Inside Health, the BPS Impact Portal, and The Guardian. Among over 20 projects totalling more than £1million in funding, Dr. Branney has taken key roles in small scale projects to large international collaborations for small to medium size enterprises, charities, and government and non-government organisations. Dr. Branney held an Economic and Social Research Council studentship at the University of Leeds and was a visiting doctoral student at Massey University, Aotearoa/New Zealand. He holds a BSc in psychology and philosophy international, an MSc in psychological approaches to health and a PhD in psychology. After completing his PhD in 2006, he joined the Centre for Men's Health, Leeds Metropolitan University. In 2012, Peter transferred to the School of Social, Psychological and Communication Studies, Leeds Beckett University before joining the Division of Psychology at the University of Bradford in 2017. A student-focused educator, Dr. Branney has received awards from student bodies for his teaching in social psychology. Additionally, Dr. Branney has been an external examiner for undergraduate single and joint honours psychology programmes in the UK, Hong Kong and Singapore, and regularly receive invites to be an external expert for periodic reviews and an external examiner for doctorates.

PERSPECTIVES ON RESEARCH PRACTICE



Alison Robinson

Deputy Executive Chair & Director, Corporate Affairs, Natural Environment Research Council
UKRI Environmental Sustainability

Alison Robinson leads UKRI environmental sustainability. She is also the NERC Deputy Executive Chair, responsible for ensuring NERC delivers as the leading funder of UK environmental science. As part of this Alison leads NERC sustainability. In 2021 she led the Science and Innovation Day at COP26 for the UK Presidency.

Before joining NERC, Alison helped set up the Legal Ombudsman, a national complaints organisation. Alison started out as a lawyer in Australia before joining the civil service. Alison left Australia in 2003, moving to work with Bangladesh NGOs promoting disability rights and preventing domestic violence.

ADDITIONAL MATERIAL

In case you are not already aware, here are the different ways you can get involved with UKRIO:

- Has your organisation [subscribed to UKRIO](#)? Sign-up as an institution to receive in-depth, long-term support on good research practice, ethics, and culture. Plus access to bespoke events and training.
- Join our [mailing list TODAY](#) to hear more about future UKRIO research integrity events!
- UKRIO is actively recruiting volunteers. If you are interested in good research practice, why not [volunteer with UKRIO](#)?
- For advice and guidance on publication ethics, authorship, or any other aspects of good research practice, please [visit our advice page](#).
- Check out our [published guidance](#) notes on good practice.



GENERAL CONTACT INFORMATION

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Email: **info@ukrio.org**

If you require advice from UKRIO, please use
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