



# Research Integrity for Experienced Researchers (International)

*Advance your experienced researchers' skillset to deliver best practice Research Integrity at all levels.*

**Research Integrity for Experienced Researchers** addresses key topics and challenges faced by researchers more established in their careers, including authorship disputes, data management and reproducibility, and managing collaborations. Combining an interactive scenario-based approach with clear practical guidance, this innovative new course is an essential resource in helping to support institutions' ongoing commitment to researcher training.



## Key Benefits

- Learners engage with authentic real-world scenarios in every module, where they can identify potential risks to Research Integrity, reflect on the course of action and apply an appropriate management strategy.
- Addresses current Research Integrity issues, challenges, and key emerging topic areas and subsequently supports further learning with signposting to additional guidance.

# Programme Modules and Content

**Research Integrity for Experienced Researchers** is designed to be a flexible programme, with each module taking around 15-20 minutes to complete. The programme can be completed in full, or researchers can easily ‘dip-in-dip-out’ to access information relevant to their needs.

Modules are grouped around three broad Research Integrity themes: **Professional behaviours**, **The research process** and **collaboration**

## Professional Behaviours

### Research Culture and Fostering Research Integrity

Subtopics	Learning Outcomes
<ul style="list-style-type: none"> <li>Building a positive research culture</li> <li>Developing a positive research culture</li> <li>Researcher development and mentorship</li> <li>Putting a positive research culture into practice</li> </ul>	<ul style="list-style-type: none"> <li>Identify the characteristics of a positive research culture and how to promote them.</li> <li>Illustrate how to develop a culture that fosters research integrity and put that into practice.</li> <li>Explain how to mentor and develop early- and mid-career researchers and why this supports research integrity.</li> </ul>

### Responsible Leadership and Communication

<ul style="list-style-type: none"> <li>Responsible research leadership</li> <li>Identifying your principal relationships</li> <li>Communicating and giving feedback as a leader</li> <li>Listening and reflecting on communication</li> </ul>	<ul style="list-style-type: none"> <li>Outline the qualities of a responsible research leader and the importance of leading with integrity</li> <li>Identify your relevant academic relationships</li> <li>Recognise and apply forms of effective communication to those relationships that emphasise integrity</li> <li>Choose effective feedback methods and employ active listening in your leadership</li> </ul>
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### Authorship Issues and Disputes

<ul style="list-style-type: none"> <li>Introducing authorship issues in research</li> <li>Causes of authorship disputes</li> <li>Strategies for good authorship</li> <li>Dealing with authorship disputes</li> <li>Ethical Publication</li> </ul>	<ul style="list-style-type: none"> <li>Explain the causes of issues and disputes with authorship</li> <li>Develop strategies to prevent issues with authorship for your research context</li> <li>Identify appropriate and effective action to resolve a dispute over authorship</li> <li>Evaluate how ethical publication practices promote research integrity</li> </ul>
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## The Research Process

### Project Planning

<ul style="list-style-type: none"> <li>Enhancing research integrity with project planning</li> <li>Building a project plan</li> <li>Project planning dates and timelines</li> <li>Budget planning and management</li> </ul>	<ul style="list-style-type: none"> <li>Summarise how effective project planning enhances research integrity</li> <li>Create a work breakdown structure to plan your research project</li> <li>Build an effective and accurate research project plan</li> <li>Explain the importance of budgeting and funding forecasting to support effective project planning.</li> </ul>
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## Data Management and Open Data

### Subtopics

### Learning Outcomes

- Introducing the data lifecycle and data management
- Data management and open data
- FAIR principles for data sharing
- Finding and reusing data
- Reflecting on data

- Describe the lifecycle of data and the data management process
- Recognise what open data means in your discipline and how to meaningfully share data
- Develop your best practices for data sharing using the FAIR principles and data documentation methods
- Identify how to find data to reuse and how data management applies to your research.

## Transparency and Reproducibility

- Introducing transparency and reproducibility
- Challenges to transparency and reproducibility
- Solutions to enhance transparency and reproducibility
- Reflections on transparency and reproducibility

- Develop your understanding of why improving transparency and reproducibility enhances research integrity
- Discuss challenges to transparency and reproducibility in research
- Identify proposed solutions to these challenges
- Explore the challenges and apply potential solutions to transparency and reproducibility to your research

## Open Research

- Defining open research?
- Preregistering research
- Open access publishing
- Reflecting on open research

- Identify how to apply open research practices throughout the research lifecycle
- Explain why open research practices improve your research and research integrity
- Explore how preregistration applies to your discipline
- Be aware of appropriate methods to make research outputs open access

## Collaboration

### Equitable Partnerships

- Introducing equitable partnerships in research
- Challenges to achieving equitable partnerships
- Decolonising research for equitable partnerships
- Positive practices in research partnerships

- Recognise the importance of equitable partnerships to ensuring quality research and research integrity
- Identify structural inequalities in the research landscape and barriers to equitable partnerships
- Summarise ongoing work to decolonise research practices
- Explore approaches to developing and maintaining equitable partnerships for research integrity.

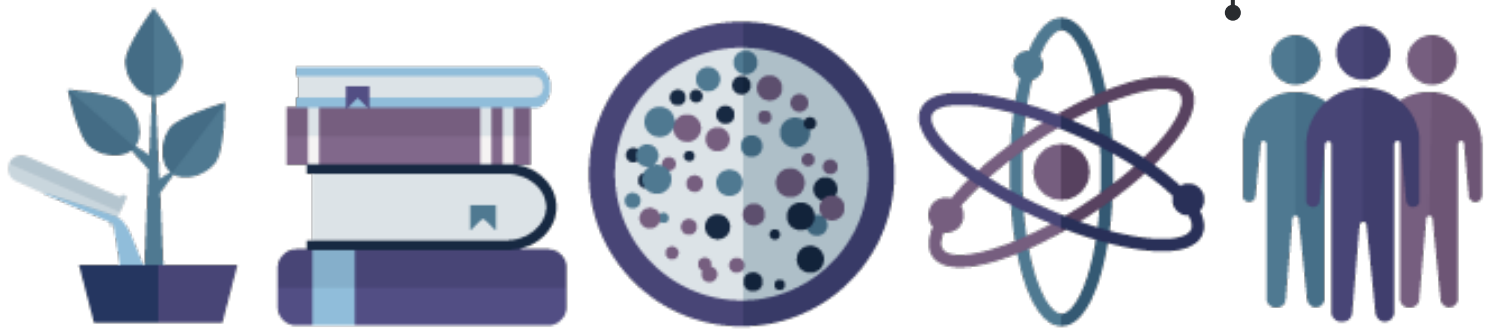
### International Collaborations

- Ethics and integrity in international collaborations
- Managing risks in international research collaborations
- Overcoming challenges to international collaborations
- Disseminating research equitably in international collaborations

- Recognise the importance of good research ethics and integrity in international collaborations
- Evaluate risks associated with research collaborations
- Explain ways of promoting research ethics and research integrity in international collaborations
- Identify ways to ensure research integrity and ethics in outputs, deliverables and dissemination



Dynamic activities and scenarios drive the module content, while discipline specific icons and menu options link aspects of the programme to researchers' own backgrounds and experiences.



**Meet our Lead Advisor:**



**Professor Marcus Munafò**

Marcus Munafò is professor of Biological Psychology and Associate Pro Vice Chancellor for Research Culture at the University of Bristol. He is also chair of the UK Reproducibility Network Steering group.

**Get in touch with our Academic Partnerships team to find out more about Research Integrity for Experienced Researchers and how our Research Integrity programmes can work together to meet your institution's needs.**

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