

Research Data Training from *Nature Research Academies*

- 1-day workshop, 9.00am-5.00pm
- For 15-30 researchers and tailored to your researchers' disciplinary background

8.30-9.00am	Registration and coffee
9.00-9.15	Welcome and introductions
9.15-10.45	<p>Module 1: The Context for Data Sharing</p> <ul style="list-style-type: none"> • Understanding the global context for data sharing • How data sharing policies impact on researchers • The benefits of data sharing <p>This module provides the context for the Open Science and data sharing movement, and why it is important for researchers to share their data. The common drivers for data sharing, including institutional, funder and journal policies are covered, as well as the ways that data sharing requirements impact directly on researchers. The benefits to both researchers and to the wider researcher community are also discussed.</p>
10.45-11.00	Coffee break
11.00-12.30	<p>Module 2: From active data to archived data</p> <ul style="list-style-type: none"> • Storing data while research is conducted • Metadata and how it's captured • Finding appropriate repositories <p>This module introduces the practical aspects of data sharing which researchers will need to understand before making their data openly available. The importance of metadata, and practical ways to capture it are discussed, as well as the necessity of storage and back-up while research is being conducted. Participants will also learn how to identify appropriate repositories for data sharing.</p>
12.30-1.30	Lunch
1.30-3.00	<p>Module 3: Practical Application of the FAIR Data Principles</p> <ul style="list-style-type: none"> • Describe the content and context of the FAIR principles • Discuss techniques for making your own data FAIR(er) <p>This module gives an in-depth introduction to the practical applications of the FAIR Data Principles, a standard for data sharing which all researchers should be familiar with. The ways that researchers can apply the principles to their own data are discussed with contextual examples, as well as the relevance of these standards to all aspects of data infrastructure.</p>
3.00-3.15	Coffee break
3.15-4.45	<p>Module 4: Allowing reuse and gaining credit for your research</p> <ul style="list-style-type: none"> • Data sharing and terms of use • Reviewing data licences • The importance of data citations <p>In this module, external data sharing is considered. Copyright for data and data licensing options are reviewed and their value is described. The importance of data citation is discussed, and participants will prepare data citations based on best practice examples.</p>
4.45-5.00	Wrap-up and close