

Research Training and Development opportunities from the Library

The library provides a range of webinars and workshops for researchers to assist in developing and maintaining the skills and knowledge detailed in the Researcher Capability Framework. The offerings are listed by the element of the framework which they contribute to addressing.

Click on the element Headers to see scheduled events which are relevant to that aspect of the framework. If the event you are interested is not scheduled or if there is a topic you would like the library to suggest, please email your request or suggestion to library@federation.edu.au marked attention Team Leader, Library Research Services.

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Research Expertise and Innovation

- *Understanding of how to protect Indigenous Cultural Intellectual Property (ICIP), Free Prior and Informed Consent (FPIC), and data sovereignty.*

Engaging with the literature

Advanced Searching

Advanced search strategies enable researchers to find higher-quality, more relevant evidence faster by refining results, and uncovering literature that basic keyword searching often misses.

This webinar will teach you how to

- Identify and apply advanced search strategies including field searching, truncation, and controlled vocabularies.
- Construct complex search queries tailored to research questions using database-specific tools such as subject headings, filters, and index terms.
- Evaluate and refine search results by analysing search histories, adjusting keywords, and improving search strategies.

Target Audience: HDRs and ECRs.

Location / Platform: MS Teams

Duration: 30 minutes

Keeping current

With the flood of new information, it's hard to keep up to date, but there are ways to make the process a bit easier.

In this webinar you will learn how to set up a range of,

- Search alerts
- Citation alerts
- Table of contents alerts

Target Audience: HDRs and ECRs.

Location / Platform: MS Teams

Duration: 30 minutes

Searching for grey literature

Grey literature is an important and useful source of evidence for your research but finding it can be challenging. This webinar is for researchers, who would like to know more about grey literature and how to find it. It will cover:

- Understanding what grey literature is and its importance as a source of evidence
- Identifying sources of grey literature
- A demonstration of search methods to find grey literature in different sources

Target Audience: HDRs and ECRs.

Location / Platform: MS Teams

Duration: 30 minutes

Systematic, scoping and Integrative reviews

Introduction to reviews

Learning how to do a scoping or systematic review can be challenging. This webinar is designed to teach you the basics of conducting a review and give you an idea of what to expect.

It will cover:

- Understanding what scoping and systematic type reviews are
- Locating guidance for conducting and reporting reviews
- A big picture overview of the steps involved in doing a review
- What to expect when doing your review

Target Audience: HDRs and staff who are new to doing reviews.

Location / Platform: MS Teams

Duration: 30 minutes

What review is right for you?

There are many types of reviews, such as systematic, scoping and integrative, and choosing the right one to meet the learning needs of your students or to answer your own research question can be challenging.

You will learn:

- The different types of reviews
- The features and aims of common review types

Target Audience: HDRs and staff who need to conduct a review.

Location / Platform: MS Teams

Duration: 30 minutes

Systematic Search Skill Builder

Developing a search strategy for systematic reviews, scoping reviews and other types of evidence syntheses is key to the quality of the review. The search strategy needs to be comprehensive to try and find all available evidence to answer the research question.

In this SDP pop up session (webinar with activities), we will show you how to create the search strategy for your review.

You will learn:

- How to develop the search concepts from your research question
- How to find and use subject headings and keywords for each search concept
- How to expand your search by using database search operators and syntax
- How to run your search in a database

Target Audience: HDRs, Supervisors and other staff.

Location / Platform: MS Teams

Duration: two hours

Systematic Search intensive workshop

This in person intensive workshops on systematic searching techniques for scoping, systematic and other review types, is run over two sessions (7 hours total). The workshop will use a flipped class, in which attendants should complete the pre-reading or have attended the Systematic Search Skill Builder Webinar.

They will cover:

- Creating search concepts from the review question
- Choosing and justifying appropriate limits
- Finding seed papers and using them to identify keywords
- Finding relevant subject headings
- Combining search terms correctly
- Understanding the process and method of searching databases
- Translating the search to run correctly in different databases

Target Audience: HDRs and academics.

Location / Platform: MS Teams

Duration: seven hours over two days

Supplementary searching: Grey literature and citation tracking

Supplementary searching for grey literature and tracking the references and citations of included papers is the third step of searching when conducting a review. It is an important stage to make sure you have found all available evidence but is often challenging. This webinar will teach you more about grey literature and how to find it.

It will cover:

- Why supplementary searching is important
- What grey literature is and how to find it
- What citation tracking is and tools to help do this

Target Audience: HDRs and academics.

Location / Platform: MS Teams

Duration: one hour

Protocols and registering reviews

A protocol is the foundation of your review and is essential to guide you and make sure your methods are transparent. This webinar will aid you in planning a systematic, scoping or other type of review.

It will cover:

- What review protocols and registrations are
- Why they are important
- What is included in them
- Where to publish or register them

Target Audience: HDRs and Academic staff.

Location / Platform: MS Teams

Duration: 30 minutes

Introduction to reporting the search

In scoping and systematic type reviews, it is important to report the search methods accurately and completely, as this can improve transparency and replicability. Keeping a comprehensive search log and using reporting guidelines makes this easier.

This webinar will cover:

- Why documenting and reporting the search is important
- How to document the search to make reporting easier
- Using guidance from PRISMA-S to report the search methods

Target Audience: HDRs, Academics and Professional staff

Location / Platform: MS Teams

Duration: 45 minutes

Understanding the PRISMA flow diagram

The PRISMA flow diagram is part of reporting your systematic, scoping or other review type, showing how you arrived at your included articles. It documents the results of your search and your screening process.

This webinar is for relevant for those who need to understand how to use the PRISMA flow diagram.

It will cover:

- What is PRISMA and the flowchart?
- What to include
- How to create one

Target Audience: HDRs and Academic staff

Location / Platform: MS Teams

Duration: 30 minutes

Using AI in reviews

The use of AI to help develop search strategies for systematic type reviews is being increasingly discussed. It is important to make sure any use is ethical and transparent, and to understand what tools are available, how they can be used, and their limitations. This interactive webinar will cover:

- How AI has been used in reviews
- Guidance on using and reporting AI use in reviews
- Considerations for its use in developing search strategies
- Examples and demonstrations of AI tools for searching

Target Audience: HDRs, Academics and professional staff

Location / Platform: MS Teams

Duration: one hour

Using EndNote for reviews

EndNote is a useful tool when conducting scoping, systematic and other types of reviews. It can save you time and headaches when managing many references.

Please ensure you have downloaded EndNote onto your staff device from the Software Centre, or your personal device using the link on the EndNote desktop guide.

This webinar will cover:

- Importing all results of a search
- Removing duplicate references
- Creating groups
- Sharing groups or libraries with others
- Exporting references to upload to Covidence

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: one hour

Indigenous Knowledges and Indigenous-Led Research

- *Understanding of how to protect Indigenous Cultural Intellectual Property (ICIP), Free Prior and informed Consent (FRIC), and data sovereignty.*

The CARE Principles for Indigenous Data Governance

Learn how the CARE Principles for Indigenous data governance guide respectful and culturally appropriate stewardship of Indigenous data. Understand how these principles complement FAIR data practices and support ethical research engagement with Indigenous communities.

In this webinar you will:

- Explore how CARE supports ethical, culturally informed approaches to data governance and stewardship.
- Learn how to apply CARE alongside FAIR to ensure data practices are both technically robust and socially responsible.
- Identify practical steps researchers can take when working with Indigenous data or collaborating with Indigenous communities.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

Research Communication and Dissemination

- *Identifying suitable channels to convey research results.*
- *Establishing an effective researcher profile.*
- *Publishing in high impact journals (Q1) and with reputable publishers and utilising digital platforms to reach a broader audience.*

EndNote

EndNote desktop – getting started.

A session for those new to using EndNote, you will be guided through Installing and setting up Endnote Desktop and building your library of resources.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Getting the most out of EndNote Desktop

This session delves further into using cite while you write, covering options such as:

- Adding page numbers to in-text citations
- Deleting in-text citations
- Changing referencing styles
- Avoiding formatting errors by converting to plain text
- Using groups to manager references
- Sharing your library

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Publishing

Open Access Agreements Update

Open Access Agreements with Publishers provide Federation University researchers with opportunities to publish their work open access without paying article processing charges (APCs). This webinar will help researchers understand how to make the most of these agreements, with a particular focus on:

- Key changes in the 2026 publisher agreements, including improvements to eligibility, coverage, and researcher experience
- Where we are with Open Access and the benefits
- Lessons learned from our use of the agreements to date, highlighting common issues, successful approaches, and practical tips for navigating the publishing process

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Exploring Journal Rankings: Web of Science Journal Citation Reports

Journal Citation Reports is a key analytical tool within the Web of Science ecosystem that enables researchers to explore and compare journal performance using citation data.

This short, hands-on webinar will introduce the core concepts behind journal metrics and demonstrate how Journal Citation Reports can be used to identify and compare journals within specific disciplines. Researchers will gain practical experience navigating the interface and applying filters to support journal selection for publication.

By the end of the session, you will be able to:

- Understand how citation indexing databases work, including how citation data is collected and analysed, and why these metrics matter for the university and your individual researcher profile
- Explore subject categories and journal groupings, and interpret where journals sit within their disciplinary context
- Use quartile rankings and filters to identify and compare ranges of journal titles, helping you assess relative positioning and suitability when considering where to publish
- This session is ideal for all researchers seeking a clearer understanding of journal metrics and greater confidence when navigating journal rankings in Web of Science.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

Exploring Journal Quartiles in Scopus Sources

Scopus Sources is the core discovery and evaluation tool within the Scopus ecosystem that enables researchers to explore and compare journal impact using Scopus citation data.

This short, hands-on webinar introduces the key concepts behind Scopus journal metrics and demonstrates how Scopus Sources can be used to identify, filter, and compare journals within specific subject areas. Participants will gain practical experience navigating the Sources interface and applying metrics and filters to support informed journal selection.

By the end of the session, you will be able to:

- Understand how Scopus as a citation index works and why these metrics matter for the university and your individual researcher profile
- Explore subject areas and interpret how journals are positioned within and across disciplinary contexts
- Use CiteScore metrics, percentile ranks, quartiles, and filtering options to identify and compare journals, helping you assess relative standing, scope, and suitability when deciding where to publish
- This session is ideal for researchers seeking a clearer understanding of Scopus journal metrics and greater confidence when navigating journal rankings and publication options.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

Publishing in Academic Journals for the Frightened and Confused

Publish or perish! But no, not in THAT journal! And what *actually* is an impact factor?

If you're new to publishing your research, feeling overwhelmed by journal choices, metrics, or the sheer volume of advice (much of it contradictory), this session is for you.

This practical, jargon-free webinar will gently demystify academic publishing. We'll talk through the basics: how journals differ, how to interpret (and not over-interpret) metrics like impact factors, quartiles, and rankings, and how to spot red flags such as questionable or predatory journals. Along the way, we'll bust a few common myths and translate some of the unspoken rules of scholarly publishing.

This session will be largely discussion-based and informal, with plenty of time for questions. It will not be recorded, to encourage a relaxed, "no question is a dumb question" environment. Whether your question feels basic, embarrassing, or oddly specific, you are very welcome to ask it. By the end of the session, new researchers should feel more confident, less intimidated, and better equipped to take their next steps in academic publishing.

Target Audience: HDRs and ECRs

Location / Platform: MS Teams

Duration: one hour

Research Governance

- *Organising and managing data, ensuring it is suitable for reuse, reproducibility, proper archiving, and sharing with relevant stakeholders.*
- *The principles of reproducible research data (FAIR – Findable, Accessible, Interoperable, and Reusable).*

Research Data Management

Creating Your Research Data Management Plan (RDMP)

Discover how to use Federation University's new RDMP tool to craft a comprehensive plan for managing, storing, and sharing your research data effectively.

In this webinar you will:

- Understand the purpose and components of a Research Data Management Plan.
- Learn how to generate a plan and navigate the online tool
- Understand key considerations for data security, compliance, long-term preservation, and collaborative workflows.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: One hour

Storing your active research data

Explore options for storing your active research data in accordance with Federation University's Research Data Management Procedure.

In this webinar you will:

- Identify approved institutional storage solutions for active research data.
- Understand key considerations such as security, access control, versioning, and backup.
- Learn how to select the most appropriate storage option based on project needs and data sensitivity.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Ensuring Your Data is FAIR: Research Data Management Best Practices

Unlock the secrets to making your data Findable, Accessible, Interoperable, and Reusable (FAIR).

Enhance your data management skills and ensure your research data meets the highest standards of quality and compliance.

In this webinar you will:

- Understand the core principles of FAIR and why they matter for research impact and compliance.
- Learn practical strategies to improve data organisation, documentation, and metadata quality.
- Identify tools and workflows that support FAIR-aligned data practices at Federation University.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Leveraging Third Party Data for Research

Discover how to locate and utilise third-party data for your research, navigate licensing requirements, and learn from examples of how other researchers have leveraged third-party data to generate innovative research outputs.

In this webinar you will:

- Identify reliable sources of third-party data relevant to your discipline.
- Understand licensing, copyright, and attribution requirements when reusing external datasets.
- Learn how to evaluate the quality, suitability, and ethical considerations of third-party data.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Figshare: Secure Long-Term Data Storage

Discover how Figshare supports the secure, long-term preservation and publication of your research data at Federation University.

In this webinar you will:

- Learn how to deposit, describe, and manage datasets using Figshare's metadata and versioning features.
- Explore licensing options, access controls, and persistent identifiers to ensure your data is shareable and citable.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Data Organisation in Spreadsheets

This workshop is designed for any researcher who is about to commence a research project where data will be managed in a spreadsheet, particularly those who are new to using spreadsheets for data.

In this lesson, you will learn:

- Good data entry practices
- Formatting data tables in spreadsheets
- How to avoid common formatting mistakes
- Approaches for handling dates in spreadsheets
- Basic quality control and data manipulation in spreadsheets
- Exporting data from spreadsheets

Target Audience: HDRs and Academics

Location / Platform: Face to face

Duration: two-hour workshop

OpenRefine for data

This workshop is suitable for any researcher who has collected research data in spreadsheets and is preparing to analyse the data. Before you can analyse data you need to clean it.

OpenRefine is a powerful free and open-source tool for working with messy tabular data: cleaning it and transforming it from one format into another without changing your raw data files. This hands-on workshop will teach you to use OpenRefine to clean and format data effectively and automatically track any changes that you make.

Examples of OpenRefine functions are:

- Making the data machine readable by removing white space
- Finding and correcting spelling mistakes by clustering and counting names in a column

Target Audience: HDRs and Academics

Location / Platform: Face to face

Duration: two-hour workshop

Encrypting Sensitive Data

Learn how to protect confidential and sensitive research data through effective encryption practices. This session introduces practical tools, key concepts, and secure workflows to help ensure your data remains protected throughout the research lifecycle and compliant with institutional and ethical requirements.

In this webinar you will:

- Understand when encryption is required to protect sensitive or confidential research data.
- Explore practical encryption tools supported at Federation University.
- Discover best-practice approaches for secure key management and data access.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Anonymising Interview Transcripts

Learn practical strategies for protecting participant identity by effectively anonymising qualitative research data. This session introduces workflows, tools, and best-practice approaches to ensure your interview transcripts meet ethical, legal, and institutional requirements for confidentiality.

In this webinar you will:

- Learn practical techniques for removing direct identifiers and masking indirect identifiers in transcripts.
- Explore tools and methods that support efficient and accurate anonymisation.
- Apply best-practice approaches to ensure transcripts remain useful for analysis while safeguarding participant privacy.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Ethics and Research Data Management (RDM)

Explore how ethical principles and research data management practices work together to support responsible research.

In this webinar you will:

- Understand the ethical responsibilities associated with collecting, storing, and sharing research data.
- Learn how consent processes relate to data management decisions across the research lifecycle.
- Apply Federation University's ethics and RDM expectations to your own research workflows.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

How DMPs Support Competitive Grant Proposals

Learn how to strengthen your grant applications by aligning your Data Management Plan (DMP) with funder expectations. This session explores how effective data management demonstrates research feasibility, risk mitigation, compliance, and long-term impact.

In this webinar you will:

- Understand how DMPs support the narrative, methodology, and feasibility components of grant applications.
- Learn what major funding bodies expect regarding data management, sharing, and retention.
- Identify how strong data governance enhances research integrity and reduces project risk.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 30 minutes

Research Data Management and AI use

Explore how integrating Research Data Management (RDM) principles with responsible AI practices can strengthen research processes while adhering to the ethical and transparent use of emerging technologies.

In this webinar you will:

- Understand how AI intersects with the research data lifecycle
- Identify risks and responsibilities when using AI in research
- Recognise relevant policies, funder expectations, and compliance requirements

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

Copyright, licencing, and publishing – considerations for researchers

Copyright impacts the publishing of your research in many ways.

In this webinar you will:

- Get a brief conceptual overview of Australian copyright; and aspects specifically relevant to researchers
- Find out how you can make appropriate use of the data or works of others, taking into account rights management, licenses, permissions etc.

Target Audience: ECRs and MCRs

Location / Platform: MS Teams

Duration: 45 minutes

Copyright, content, and GenAI – considerations for researchers

Copyright impacts your research in many ways. Understand how your work is protected, how you can make use of the work of others(including data), and when licencing and permissions are required. AI tools are raising new dilemmas for researchers with copyright and other considerations to being taken into account in considering the suitability of their use.

In this webinar you will:

- Get a basic understanding of Australian copyright laws as they relate to research
- Be able to identify if material is licenced
- Be aware of the processes for seeking permission to use the data or work of others
- Understand the copyright and licensing implications of AI use, particularly uploading data or published content.

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: 45 minutes

Research Leadership and Reputation

- *Knowledge of appropriate publication platforms based on quality criteria.*
- *Promotion of a research profile on relevant platforms and for targeted audiences (e.g., ORCID, ResearchGate, LinkedIn, Scopus, Discovery).*
- *Understanding of performance metrics.*

Researcher Identifiers and Metrics

ORCID: Linking your researcher profiles.

Publons, Scopus, and other researcher IDs and profiles are great, but none of them tell the full story. Link your profiles to your ORCID to easily collate all this information in one place and build a profile that truly represents your achievements as a researcher.

In this webinar you will

- Create and access your ORCID profile and navigate the ORCID interface
- Link and sync your external researcher profiles to ORCID
- Manage and control your ORCID record including privacy settings, affiliations and works
- Use ORCID as a central reusable identifier to support publishing workflows and reporting requirements

Target Audience: HDRs and Academics

Location / Platform: MS Teams

Duration: One hour

Using Incites to demonstrate your research impact.

As a researcher you are often required to demonstrate the impact your work has. If your research outputs are indexed in Web of Science, Incites is an effective way to do this. In this webinar you will find out how to:

- search for and claim your publications
- generate reports to showcase your strengths and benchmark yourself against your peers.
- This webinar will be particularly valuable if you are an early or mid-career researcher considering applying for a grant or academic promotion, or just curious about your impact.

Demonstrating research impact for Humanities, Arts and Social Sciences (HASS)

Researchers working in Humanities, Arts and Social Science (HASS) areas and wanting to demonstrate impact for promotions, grants or awards, may find that 'traditional' research metrics such as citation reports gathered from Web of Science (WOS), Scopus or Google Scholar do not portray a full picture of your scholarly output.

After attending this webinar, you will

- Be aware of alternative measures to demonstrate your impact
- Be able to use a range of tools and sources to demonstrate impact.