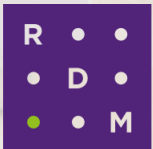




THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE



Research
Data
Manager

Designed at The University of Queensland

UQ Research Data Manager

A comprehensive solution for efficient research data management

Mariana Kaiser
Research Systems Lead
University of Queensland
18 October 2023

Our team at the eResearch conference



Mariana Kaiser
Research Systems Lead

Supporting UQRDM since 2020



Dr Andrew Kneysberg
Research Systems Coordinator

'Don't ruin it with mandatory questions. Mandatory questions aren't cool.': Building a popular research data manager



Jan Wisgerhof
Technical Lead

Thursday 10:40-11:00: Unleashing Research Data Management Potential: The Power of Integrations



UQ Research Data Manager

User-centric

Project-based

For researchers and
HDR students

Integrated

Multiple
services

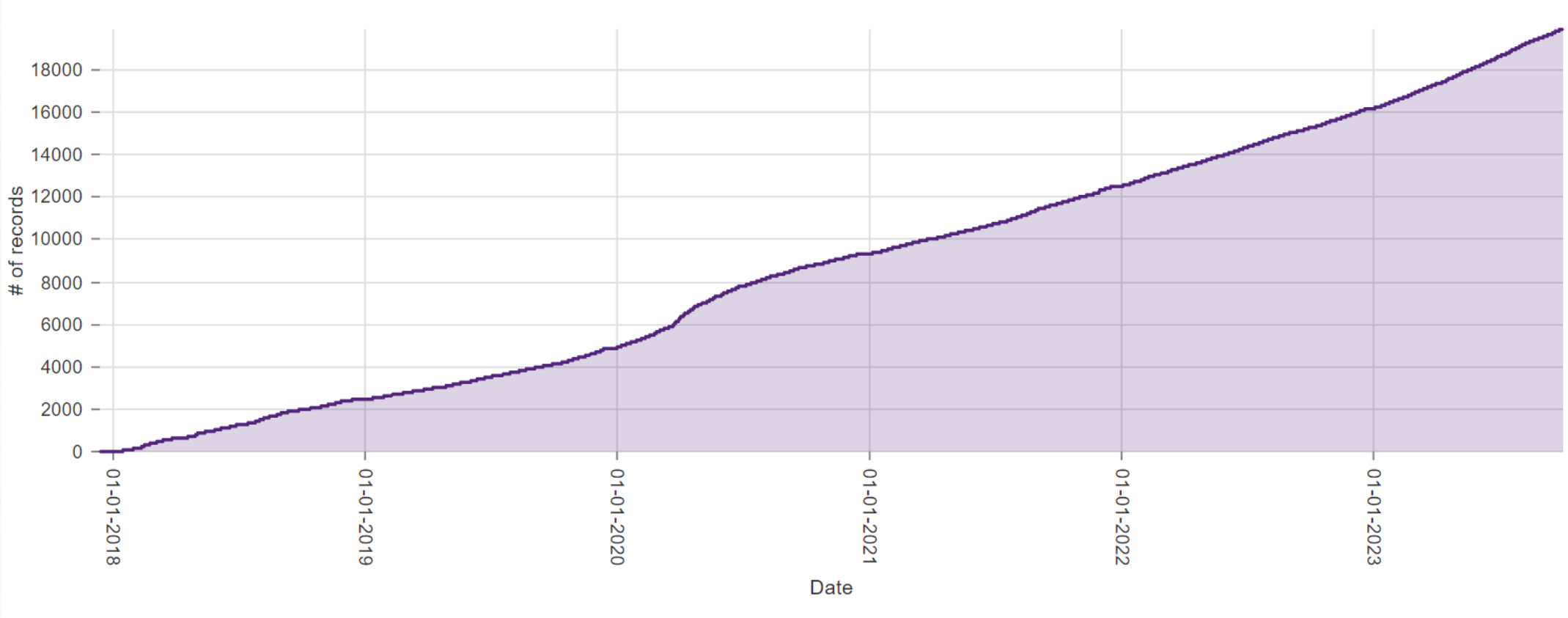
Multiple access
methods

Granular access

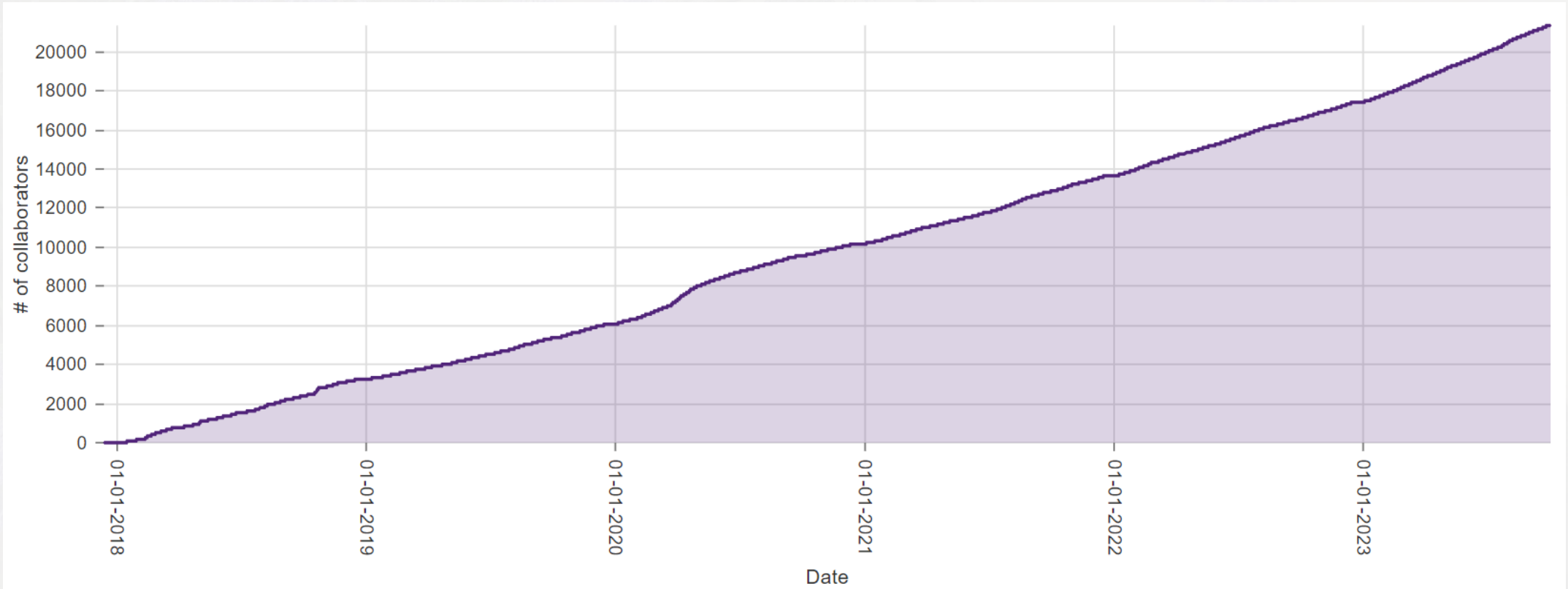
UQRDM by the numbers

Launched:	January 2018
UQRDM records:	19,913
Unique active users:	21,349
Total UQRDM storage used:	21,889 TB
Total files stored:	833,628,360
External collaborators:	6,000

Total number of records



Total active, unique collaborators



How does UQRDM help researchers?

- Unlimited storage – starting at 1 TB (provisioned within 90 minutes)
- Data access from anywhere*
- Ability to share data with researchers and industry partners
- Can be mounted on HPC, can store sensitive data
- Ability to restore data 60 days after it was deleted
- No need for manual backup
- Granular access for collaborators to all services
- Access to multiple services from one point

Benefits of UQRDM for UQ

- Efficient data management and organization – data is well-maintained and preserved for the long term
- Better data security and control
- Regular data backups
- Promoting knowledge sharing and interdisciplinary research
- Cost efficiency
- Easier to enforce data governance policies and compliance with relevant regulations
- Data analytics and research insights
- Long-term preservations
- Enhances research capabilities and reputation of UQ

UQ Staff and Students

Sign in

Or sign in with



Australian Access Federation



eduGAIN



Tuakiri Federation (NZ)



LinkedIn



Research Data Manager

Designed at The University of Queensland

Ms Mariana Kaiser
22 records
2.89GB storage
3 collaborators

Total UQRDM storage: 29,538TB. Total Files: 10,101,504. Total UQRDM records: 59. Unique active users: 11.

Dashboard

My records, datasets and collaborators

Create new record

Thesis Advisor Dashboard

About

UQRDM Resource Hub

User guides and FAQs

Request support



UQRDM Updates



Feedback

Help us improve UQRDM

Logout

Sign out of UQRDM

MY RECORDS

MY DATASETS

MY COLLABORATORS

Filter by record status

All

Filter by identifier or name

Type a name or identifier to search by

Owner

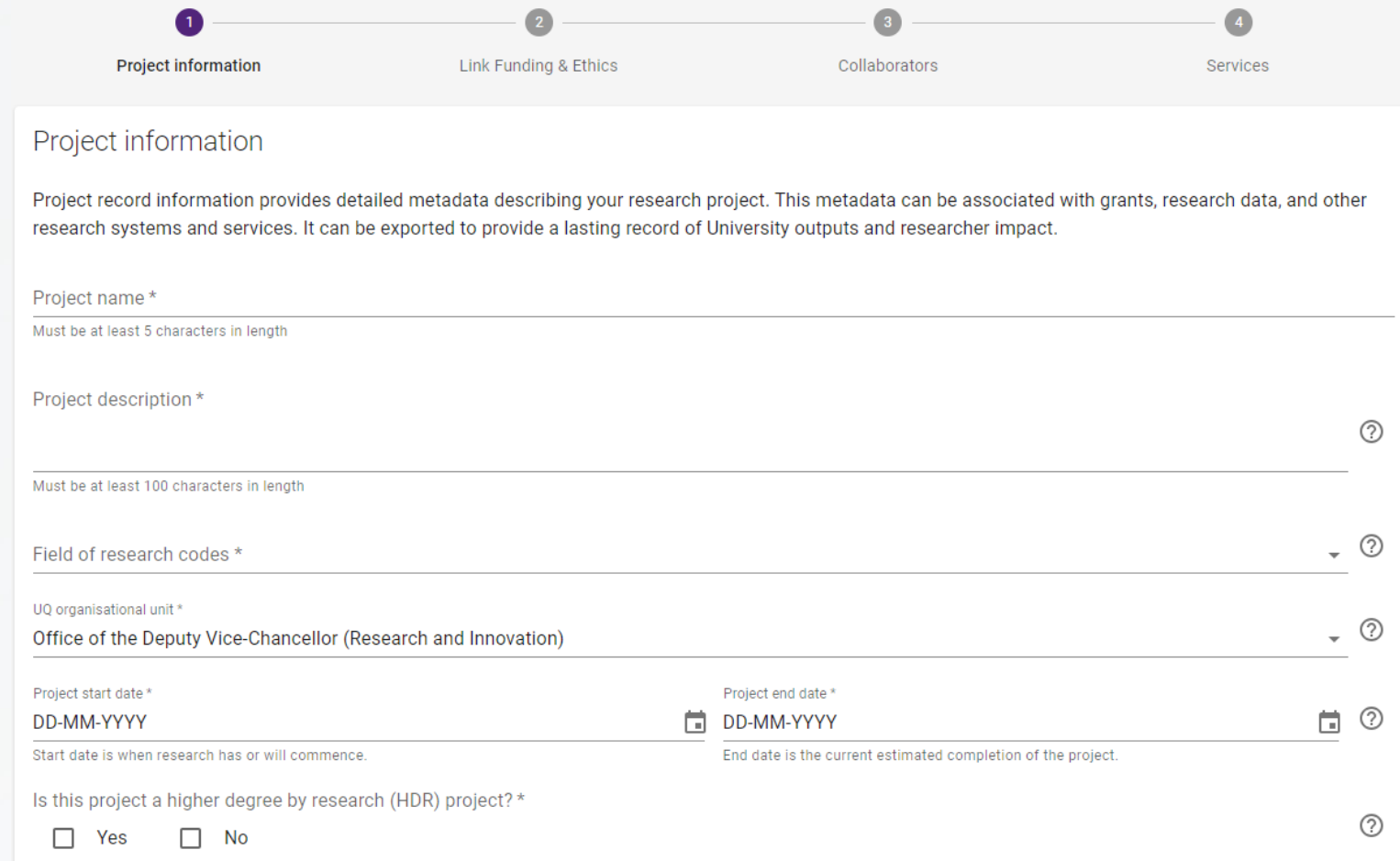
Lead

Record identifier	Project name	Date joined ↓	Status	
2023-RD000036	No services record	03-Oct-2023	Active	
2023-RD000035	The manifold costs of being a non-native English speaker in scie...	25-Sep-2023	Draft	
2023-RD000030	The manifold costs of being a non-native English speaker in scie...	17-Aug-2023	Pending lead approval	
2023-RD000024	Flag_Day	27-Jul-2023	Active	
2023-RD000026	My new *edited* record	13-Jul-2023	Active	

Creating a new record

- Quick process with 4 steps
- Minimal metadata
- Linking funding & ethics
- Inviting collaborators
- Attaching services:
 - Storage (up to 3 allocations)
 - Digital Research Notebook
 - Impact Tracker
- Assigning access
 - Read/write
 - Read only
 - No access

Create a new record



The screenshot shows a four-step process flow: 1. Project information, 2. Link Funding & Ethics, 3. Collaborators, and 4. Services. The 'Project information' step is currently active and displays a form with the following fields:

- Project name ***: A text input field with a validation message: "Must be at least 5 characters in length".
- Project description ***: A text area with a validation message: "Must be at least 100 characters in length". A help icon (?) is visible on the right.
- Field of research codes ***: A dropdown menu with a help icon (?) on the right.
- UQ organisational unit ***: A dropdown menu with the selected value "Office of the Deputy Vice-Chancellor (Research and Innovation)" and a help icon (?) on the right.
- Project start date ***: A date input field with the format "DD-MM-YYYY" and a calendar icon. A validation message below reads: "Start date is when research has or will commence.".
- Project end date ***: A date input field with the format "DD-MM-YYYY" and a calendar icon. A validation message below reads: "End date is the current estimated completion of the project.".
- Is this project a higher degree by research (HDR) project? ***: A checkbox form with options "Yes" and "No", and a help icon (?) on the right.

Storage label *



Choose characters that describe the data and distinguish it from your other storage allocations. 0/20

Description *

Describe the type and source of the data stored in this allocation. Minimum: 50 characters.

Type of data being stored / used *



MORE METADATA ▾

Permissions

Name	Email	Read/Write	Read Only	No access	
Ms Mariana Kaiser	m.kaiser@uq.edu.au	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⚠
Dr Andrew Kneynsberg	a.kneynsberg@uq.edu.au	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⚠
Mr Jan Wisgerhof	j.wisgerhof@uq.edu.au	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⚠
Mr Ky Lane	k.lane@research.uq.edu.au	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⚠

UQ users access UQRDM storage via:



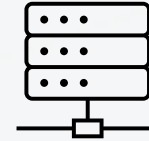
Mapped drive



cloud.rdm.uq.edu.au



Cloud Sync client



HPC facilities

External collaborators access UQRDM storage via:



cloud.rdm.uq.edu.au



Cloud Sync client

Sharing and publishing research data from UQRDM



Publish your dataset from UQRDM directly to UQ eSpace



Your dataset gets a DOI (Digital Object Identifier) attached automatically



You can apply different levels of access (Open or Mediated Access)



Datasets published in UQ eSpace

[PUBLISH A NEW DATASET TO UQ ESPACE](#) + 



No published datasets found

Please consider sharing your data via **UQ eSpace**. [Follow this guide](#) to learn more and begin sharing your datasets.

What to publish in a dataset:

-  Data that accompanies a publication or research project
-  Curated research data that could be of use to other researchers

What NOT to publish in a dataset:

-  Your thesis
-  Identifiable human data

If you are not intending to share and publish your data, do not proceed.

How do HDR students use UQRDM?

- UQRDM record created at the start of candidacy
- Principal advisor as Lead Investigator on the record
- Research data stored in UQRDM
- Progress reports shared via UQRDM
- Thesis submission process in UQRDM

Thesis Dashboard

The dashboard shows a progress bar with six steps: 1. Candidate submits thesis (checked), 2. Principal advisor reviews thesis (checked), 3. Graduate School reviews thesis (checked), 4. Graduate School procures examiners (active), 5. Examiners review thesis, 6. Approved for thesis finalisation.

Graduate School is procuring examiners
The Graduate School is assigning examiners for the thesis.

UQRDM record that is connected to your thesis*
Test 1

Thesis Title *
Mariana's thesis

UQ organisational unit that leads the project *
School of Historical and Philosophical Inquiry

Thesis Type *
PhD

Principal Advisor *
Mr Alex Chan

Additional supervisors

Submissions

Submission	Latest
Submitted 2021-05-17 13:11:27	

Iterations

Iteration	Latest
Iteration 4 Graduate School is procuring examiners	
Iteration 3 Graduate School has requested changes	
Iteration 2 Principal advisor has requested changes	
Iteration 1	

Thesis files

Thesis document	Uploaded date	Actions
uqmkaise_phd_thesis.pdf	2021-05-17 13:11:27	Download

Supporting UQRDM

Collaborative approach:

- Research Management Systems team
- ITS
- Library
- Research Computing Centre


UQRDM RESOURCE HUB


Get started quickly and easily with UQRDM. Follow our step by step training guide.


[START HERE TO LEARN THE BASICS >](#)


Library guides

Do you need an answer to a specific question? Check out our comprehensive guides on UQRDM, publishing datasets from UQRDM to UQ eSpace and Digital Research Notebooks (LabArchives).

 **Research Data Manager**
Designed at The University of Queensland
[UQRDM GUIDE >](#)

 **UQ eSpace**
[PUBLISHING DATASETS GUIDE >](#)

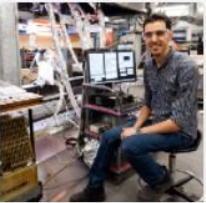
 **Digital Research Notebooks**
[DRN GUIDE >](#)



Learn the basics of UQRDM

Learn how to create a new record, access storage, collaborate or publish your data.


[START LEARNING NOW >](#)



Download helpful resources

Learn more about the benefits of using UQRDM. Share helpful resources with your research partners and collaborators.


[BROWSE MATERIALS >](#)



View video tutorials

View helpful video tutorials to learn how to utilize all benefits of UQRDM.


[VIEW VIDEOS >](#)



Online and in-person training

Get in-person, introductory and advanced level training for researchers and HDR students.

[GET TRAINING >](#)

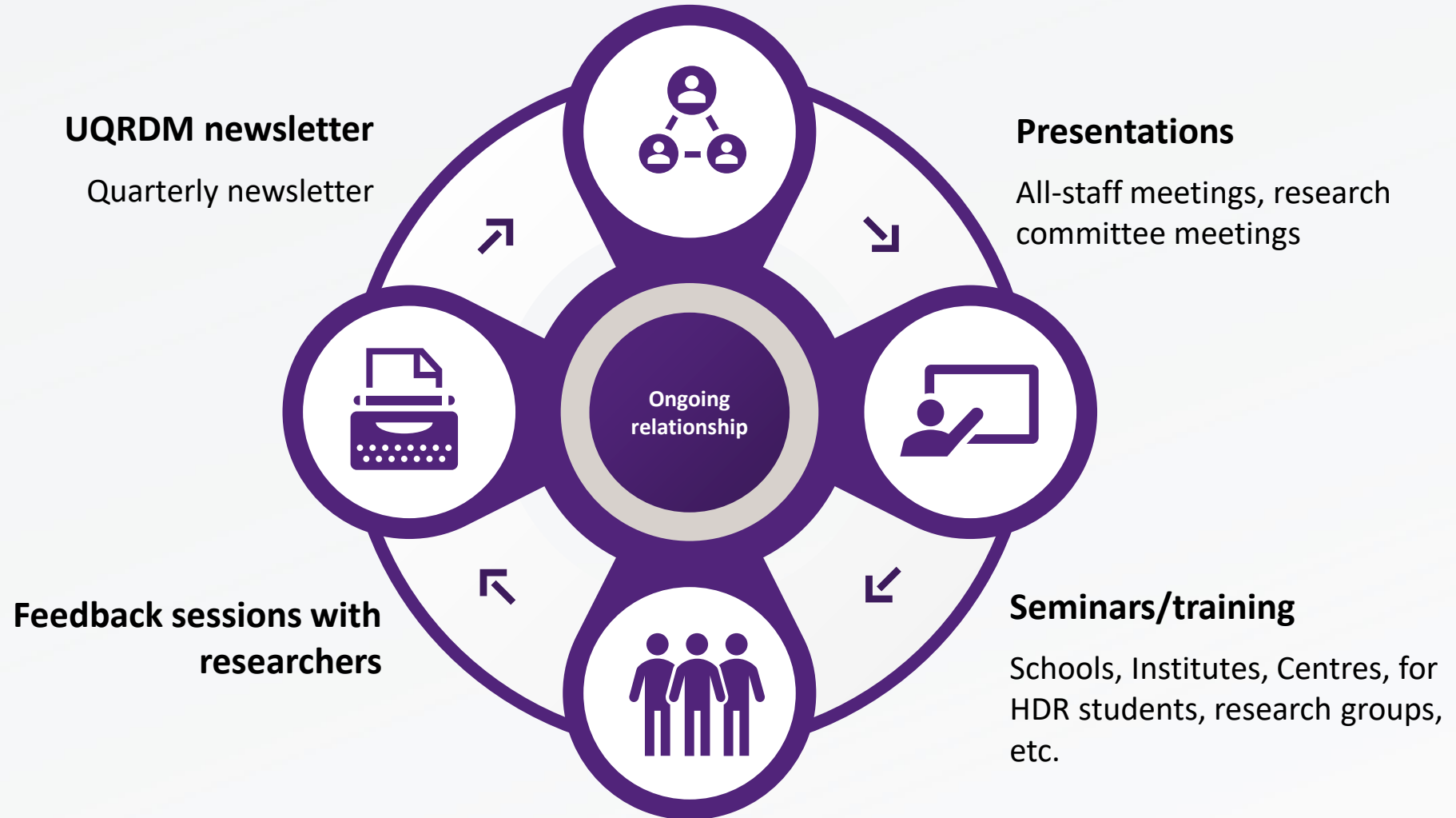


Request new features

Is there a feature you would like to see within UQRDM? Do you have feedback on how UQRDM works? Help us improve UQRDM.

[CONTACT US >](#)

Outreach for UQRDM





THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Thank you

Mariana Kaiser
Research Systems Lead
University of Queensland
m.kaiser@uq.edu.au



Designed at The University of Queensland