

# ROLES AND SKILLS FOR RESEARCH DATA MANAGEMENT

## WORKSHOP

TUESDAY, 3 MARCH 2020

Morning: **Concepts behind research data management (RDM)**

The morning session will introduce research data management to all library staff and research administrators, including context and drivers for RDM including research integrity and Open Science. How is RDM is practiced at different stages of a research project's 'life-cycle'? What makes data FAIR? How do disciplinary differences make a difference? What options are there when data shouldn't be made open? These are some of the questions we will cover, from the researcher's perspective.

08:00-08:15 Arrival/Registrations

08:15-08:30 Welcome and introductions (Ms Lindiwe Soyizwapi, Library Director, UP)

08:30 Presentation with interactive discussions

10:00-10:30 Coffee/tea break

10:30-12:00 Presentation with interactive discussions

12:00-13:00 Lunch

Afternoon: **Applying knowledge of RDM to library service roles**

Having considered the researcher's requirements for RDM, we will consider what librarians have to offer researchers in terms of data management planning, digital preservation, open licences, metadata and long-term data stewardship. How can librarians increase their data skills? Where does the library role end, and what other partners can assist with RDM-related needs? In this session we will engage in reviewing actual data management plans, and consider customised DMP templates.

13:00-14:30 Presentation with interactive discussions

14:30-15:00 Coffee/tea break

15:00-16:00 Break-out groups and report back (Data management planning)

16:00-18:00 Social function



UNIVERSITY OF PRETORIA,  
DEPARTMENT OF LIBRARY SERVICES,  
IN COLLABORATION WITH  
UNIVERSITY OF EDINBURGH LIBRARY

Trainer: Robin Rice,  
University of Edinburgh

WEDNESDAY, 4 MARCH 2020

Morning: **Digital preservation and curation of research data**

With the introduction to RDM and library services complete, we will go into further depth regarding how to actually run a data repository. What service policies need to be considered? What metadata standards should be used? Digital preservation concepts will be explored as well as interoperability and the purpose of using persistent identifiers. We will examine the impact of data sharing on the scholarly record and consider ways of measuring it through traditional bibliometrics and open science tools such as Altmetrics.

08:00-08:30 Arrival and welcome

08:30-10:00 Presentation with interactive discussions

10:00-10:30 Coffee/tea break

10:30-12:00 Presentation with interactive discussions

12:00-13:00 Lunch

Afternoon: **Hands-on practice for quality checking of data deposits**

Using the processes of Edinburgh DataShare as an example, attendees will use laptop computers to deposit and moderate submissions of different kinds of data in a digital repository, using checklists. Submitters and reviewers will communicate with each other and ask each other questions in order to complete their task. Participants will gain confidence through practice with actual datasets and metadata.

13:00-13:30 Introduction to laptop exercise

13:30-14:30 Laptop exercise (depositors and reviewers)

14:30-15:00 Coffee/tea break

15:00-15:45 Second laptop exercise (e.g. depositors and reviewers switch roles)

15:45-16:30 Certificates Handout & Wrap-up (Mr Lazarus Matizirofa, Deputy Director: Scholarly Communication, Digital Services and Systems, Honorary Guest - Prof Daisy Selematsela, Executive Director, UNISA Libraries (COAR & CODATA Board Member)