



UNIVERSITY of the
WESTERN CAPE

Ilifu Research Data Management Project: Embedding the Library in the Institutional Research Ecosystem

Alfred Qondile Ngotole

Deputy Director: University of Western Cape Library
Research Support, Scholarly Communications & User Services

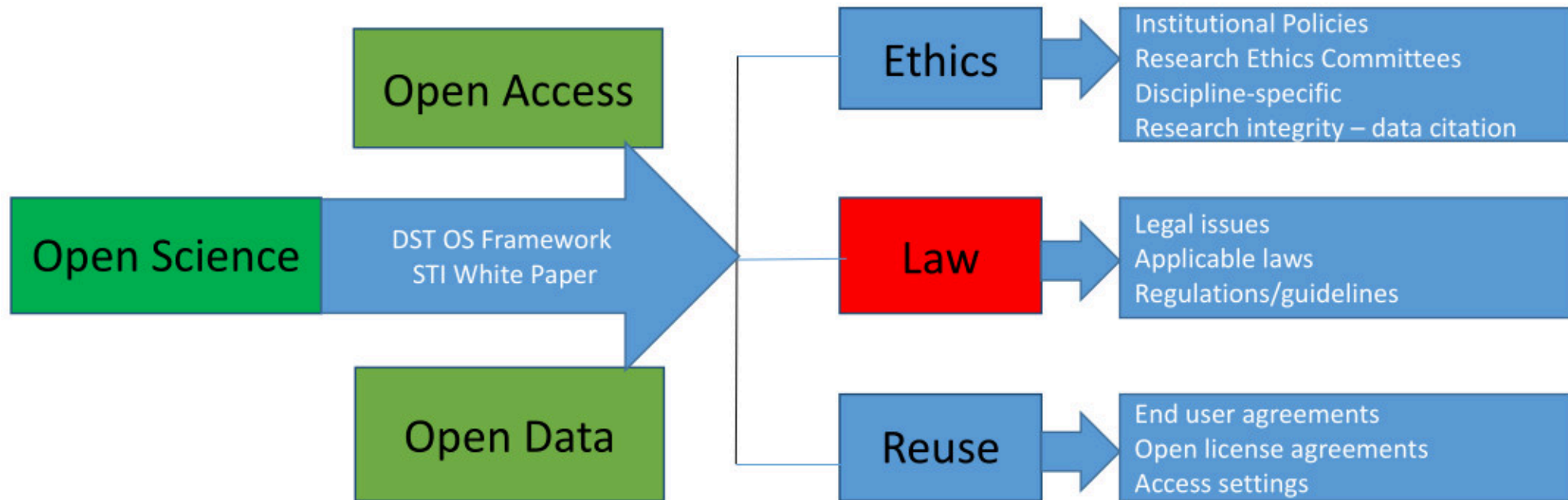


YEARS
*of hope, action
& knowledge*



Ilifu Working Group 3 – Samuel (SUN); Jeremiah/Sanjin(UCT)

Open Science, Open Access/Data, Ethics, Legal and Authorisation (OSADELA)





UWC Research Data Management Policy Formulation Process

	Contributors	Details	Date
1	Mr A Nqotole, Mr M Snyders, Dr C Hart and Dr G Davis	Initial draft	18/01/2019
2	Mr A Nqotole & Dr S Neerpath	Revised draft	28/04/2019
3	Prof M Vaccari and Prof B Fielding	Comments & Ownership	06/05/2019
	Reviewed by Senate Library Committee	Comments/Feedback	14/05/2019
4	Review by Senate Research Committee	Comments/Feedback	13/09/2019
5	Review by Senate Executive Committee	Referred back for wider consultation	15/10/2019
6	Reviewed by REC Members	Comments/Feedback	04/11/2019
7	Deans, Deputy Deans of Research, SARCHI Chairs, DVC: Academic, REC Chairs	Comments/Feedback	11/03/2020
8;	Mr A Nqotole, Prof M Vaccari, Mr M Snyders, & Ms S Schafer	Comments/Feedback	20/07/2020; 30/09/2020
9	Senate Meeting	Discussion	05/11/2020



UWC Research Data Management Policy

Executive Responsibility

- DVC: Research & Innovation

Policy Ownership

- Research Development Department

Policy Drivers

- **Director: Library Services**
- Director: eResearch
- Director: Research Development

Policy Governance

- Senate Research Committee



UWC POPIA Compliance Reference Group

The Research Data Management Task Team is involved in the identification of the various processes, forms and potential impact Research has across the University in terms of POPIA.

- Mr Alfred Nqotole (Deputy Director Library)
- Dr Ana Casanueva (Director TTO)
- Prof Burtram Fielding (Director RDO)
- Mr Laurence Corner (Faculty Manager Sciences)
- Ms Tamima Talip (Deputy Registrar, Legal Services)
- Dr Thabile Sokupa (Director DVC-R&I Special Projects)

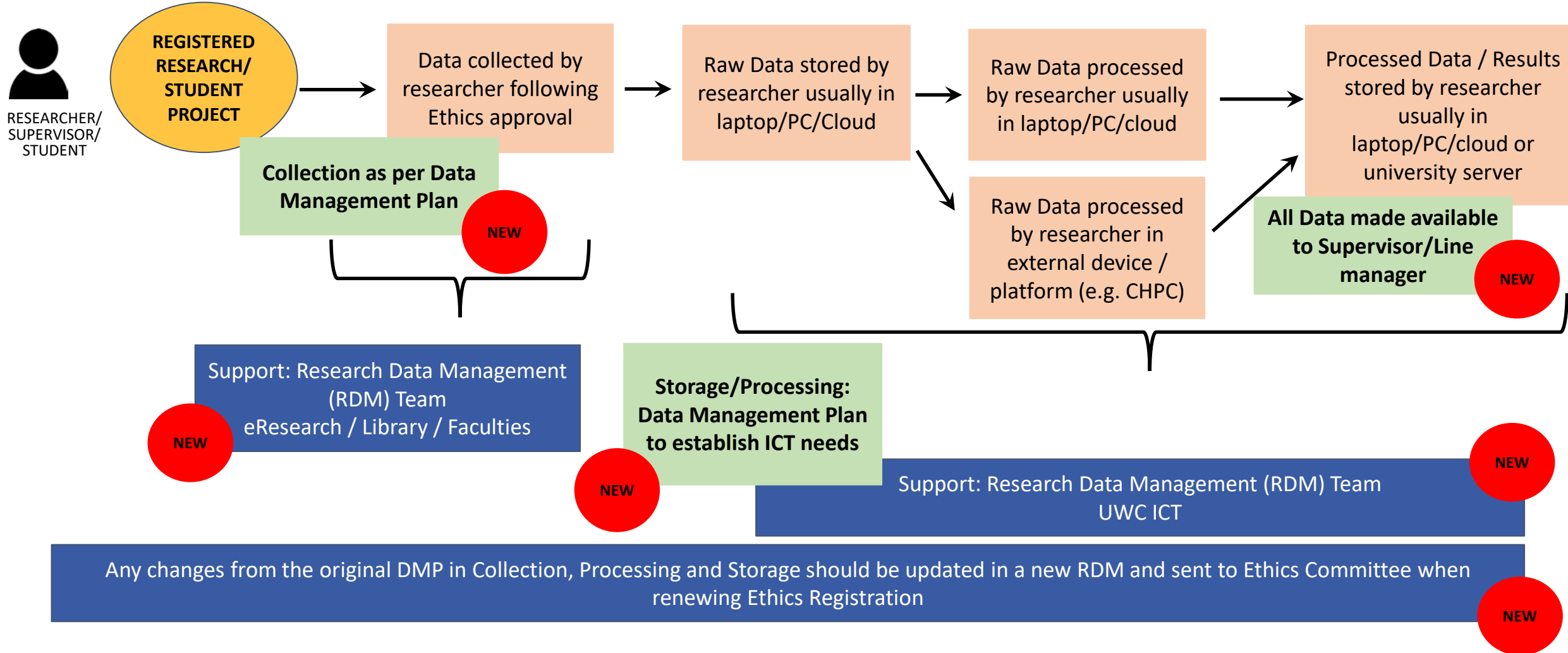
Co-opted Members

- Prof Mattia Vaccari (Director, eResearch)
- Mr Mark Snyders (Scholarly Communications Librarian)

Collection, Storage and Processing of Research Personal Information: POPIA Compliant

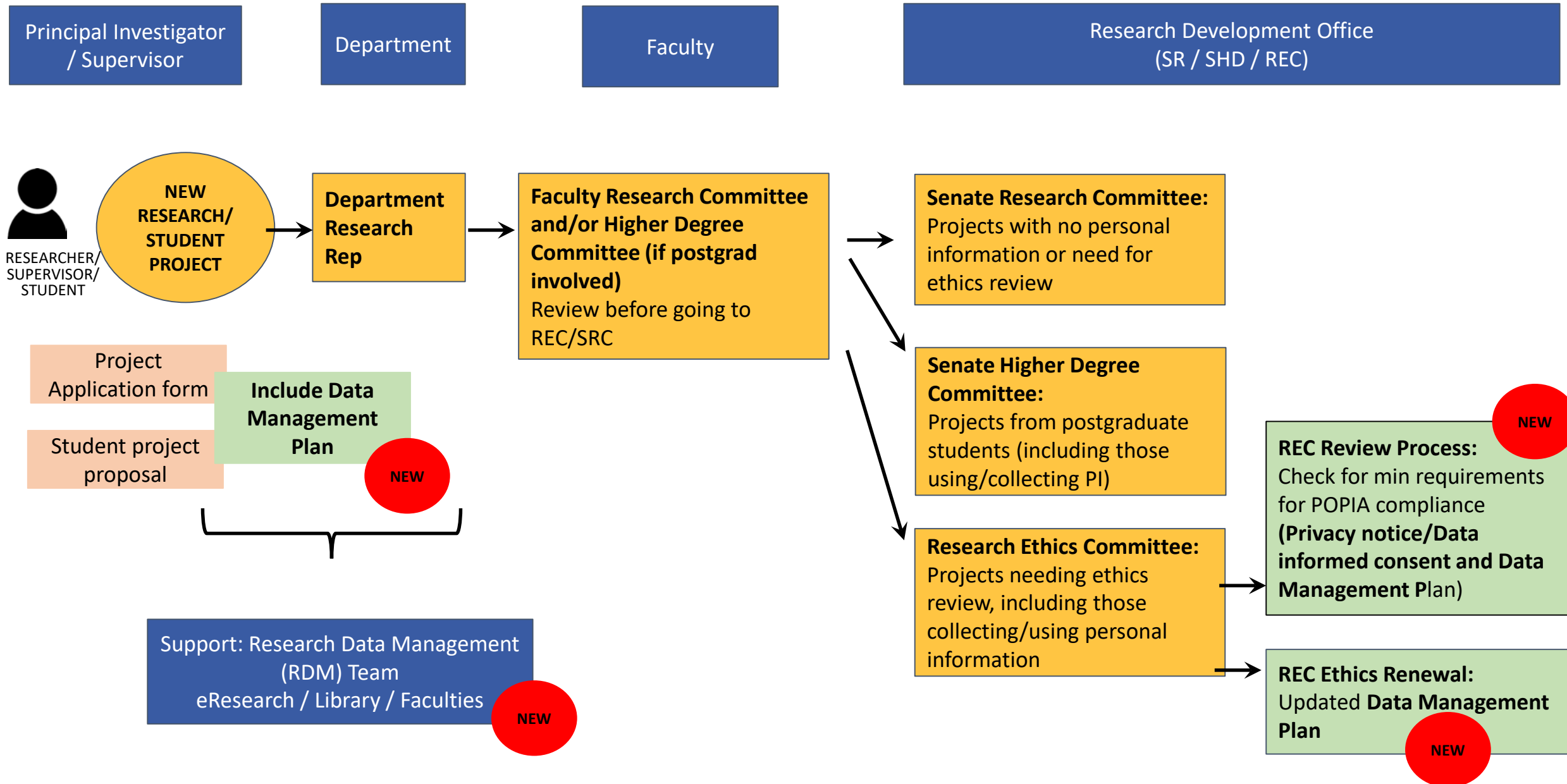
Principal Investigator / Supervisor (note: Supervisor of students should take full responsibility for data storage and have full access)

Department / ICT



Registration of Research Projects which collect/use Personal Information

POPIA compliant





Capacity Building/ Training Programmes

- ✓ Faculty of Dentistry - RDM in the curriculum at Masters level
- Introduction to Research Data Management
- Unpacking UWC RDM Policy
- Introduction to Kikapu (UWC Figshare instance): Depositing and sharing your research
- Creating & Updating Data Management Plans (DMPs)
- Data Literacy (New in 2022)
- Information & Research Guides and Library Research Portal



Draft eResearch Strategy 2021-2025

- 1) Continue investing in IDIA and ilifu post-2021 to support astronomy and bioinformatics research while developing cloud computing technologies
- 2) → Develop an institutional research IT infrastructure (UWC Research Cloud) to serve data intensive researchers in all fields – may both include on-campus and off-campus components
- 3) Prioritize faculty hires and/or research chairs in Data Intensive Research, with a particular focus on researchers with interdisciplinary research and international collaborations
- 4) Monthly Data Intensive Research seminars and yearly Data Intensive Research Workshops
- 5) → Provide effective, secure and user-friendly solutions for all phases of the Research Data Management lifecycle and create a community of practice around RDM
- 6) Train postgraduate students and researchers in interdisciplinary data science techniques
Launch a Centre/Institute/School for Interdisciplinary Data Intensive Research



Institutional Commitments

- 1) UWC researchers must be aware of and become better acquainted with ever more powerful **data science techniques and tools** which can greatly **increase their research productivity**.
- 2) UWC researchers need an adequate **institutional research IT infrastructure** and associated support to allow them to develop **data intensive research and postgraduate student training**.
- 3) UWC students must be trained in **open source data science techniques and tools**.
- 4) **UWC Library Services** needs to put an increased emphasis on **Research Data Management, Open Access publishing and FAIR - Findable, Accessible, Interoperable and Reusable - Data**.
- 5) UWC ICS needs staff who can **deploy and support research-oriented IT infrastructure**.
- 6) UWC Leadership needs to be able to easily and transparently acquire, monitor, process and visualize the **diverse university data streams to facilitate institutional decision making processes** e.g. through the ongoing Business Intelligence project led by Institutional Planning.

Conclusion & Thank you

