Digital Scholarship services and support; the phoenix rising from the ashes of the Library?

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Research & Collections, Academic Services
University of Melbourne
• Context - organizational and environmental

• UOM Library change journey
  • Organisational (re) alignment
  • Skills and Capabilities
  • Scalability and sustainability
  • Innovation and news areas of service and support
$850m annual research expenditure
55,000+ students & 6,500+ staff members, 270 graduate courses
22 discipline-specific faculties & graduate schools
100+ research centres & institutes
4,800 graduate researchers (HDRs)
No central school of graduate research
Melbourne Operating Model (MoM)

The University of Melbourne aspires to maintain and improve its reputation as one of the finest Universities in the world. We face significant headwinds in the achievement of this goal but we believe this new Melbourne Operating Model places this institution on a firmer footing to meet those challenges ahead.

How does the model operate?

The Melbourne Operating Model is characterised by a small core in the Chancellery to establish the strategic framework of the University.

Academic divisions deliver division-level outcomes in accordance with the strategic intent and targets agreed with the Chancellery.

The operational needs of staff and students — whether finance and HR, property services, marketing and other important support functions — are delivered by the University Services team.
Life in a digital universe

- Many types of digital materials
  - Text-based files
  - Images
  - Audio, Video
  - Web-based resources
  - Databases
  - Big Data (large and complex data sets, think: astronomy, genomics, social networks data)
  - Software, apps
  - Virtual worlds, video games
To deliver outstanding and innovative information, copyright and library services that exceed the diverse information, learning and teaching, and research needs of the University's scholarly community, whilst contributing positively to engagement and student experience.

Our Mission
We deliver professional library services to support research and student learning, equipping the scholarly community with the critical, ethical and practical capabilities to effectively use information relevant to their scholarly endeavour and research needs. Through access to an outstanding scholarly information environment, professional expertise and managed library spaces, our staff facilitate academic success in both research and learning and teaching.

To advance the University’s research, learning and engagement mission through the acquisition and care of rich and diverse scholarly collections and by adding value to the Library’s research and collections infrastructure and services.

Our Mission
Developing implementing and maintaining the services, systems and processes that facilitate the acquisition, discovery and access of the collections and developing partnerships to unlock the potential of these collections to support the needs of Melbourne’s scholarly community.
Research Information Management - Research and Collections
(Expertise, service management, innovation in research support & services)

- Digital Scholarship
- Research Publications and Programs
  - Institutional (Open Access) Repository
  - Graduate Programs
- University Digitisation Centre
- eSrc - EScholarship Research Centre

Liaison Librarians (Research) – Scholarly Information
(Front Line Service Delivery)

- Faculty & Graduate School liaison
- Research Consultation Service
- Research Impact Service
- Research data management outreach (in collaboration with Digital Scholarship team)
Research Support Community of Practice

What it is

- Community of practice for Liaison Librarians (research)
- Managed with support from digital scholarship
- Utilises domain knowledge and university expertise to facilitate research support

Example Activities

- Tailored training in research data management
- 23 Research Data things
- Researcher@Library week (40+ activities over a week)
- Project-based collaboration

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Register for access: managing-data@lists.unimelb.edu.au
Digital Scholarship

modernising scholarly practice with
digital techniques in order to maximise
the value of research data

The Spot and Law, The University of Melbourne
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About Digital Scholarship

The Digital Scholarship Program in the University Library aims to optimise the digital transformation of scholarly practice through partnership with researchers and scholars at the University of Melbourne.

Research Data Management

We offer a range of services to support researchers in managing their data, including advice on policy, tools and resources as well as one-to-one research data consultation services.

Research Data Curation

Our Research Data Curation service provides researchers with a process to consider their data needs for current and prospective use, focusing on consultation and solutions for improved access, data protection, citation and documentation.

Data Forensics

Our Data Forensics Lab offers a range of services for examining, analysing, recovering, re-using and preserving data stored in digital media in a forensically sound manner. The Data Forensics Lab can process a variety of modern and legacy computer storage media using state-of-the-art, purpose-built hardware and software.

Training & Outreach

We offer training in Research Data Management and Data Curation for up-skilling staff and building capability at the University of Melbourne. Through our Outreach activities, we participate in national and international conferences, contribute to University projects and foster collaboration with external partners.

University Digitisation Centre

The University Digitisation Centre (UDC) works closely with the Digital Scholarship team in the Library-Research Program. UDC provides expert advice and a range of digitisation services to the University community.
Digitisation and Data Services

University Digitisation Service

- Expert digitisation of archives, manuscripts, documents, books, artworks, research records
- Self service in supported environment
- Value adding and metadata capture through advanced workflows

Data Forensics Service

- Analyse, identify, recover and audit research data in contemporary or legacy computer storage media
- VALA 2016 Innovation Award winner
- State of the art equipment for processing floppy disks, zip drives etc

Leicester 1610 from the Sir Peter and Lady Lloyd collection

Disk imaging using Kryoflux
Supporting research in the Arts, Humanities, Social Sciences and Education

Research Data Management
Research Tools & Services
Training and Events
Partnership and Community

http://scip.unimelb.edu.au/home
Socio-informatician

- Two socio-informatician roles within SCIP
- Roles involve the application of a broad range of data management, archiving and technical skills in HASS and VPA research.
- liaise and work closely with researchers from the faculty partners
- identify and report on gaps in research support provisions
- assist in organising, processing and analysing research data
- explore and implement informatics solutions
The Digital Studio provides dedicated collaborative, project and informal spaces for researchers, students, collaborators and industry partners working on digital projects in the humanities, arts and social sciences (HASS).
Digital Preservation 2015-2025

Our ten year strategy establishing Digital Preservation at the University of Melbourne.

The digital material in scope:

➔ Research outputs
➔ Research data
➔ University records
➔ Cultural collections

Thank you

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