



# HUMANITIES, ARTS & CULTURE DATA SUMMIT

**Rachel Fensham**  
Digital Studio, University of Melbourne



14-15 March 2018, Canberra

[humanities.org.au](http://humanities.org.au) | [#HACDS2018](https://twitter.com/HACDS2018)



THE UNIVERSITY OF  
MELBOURNE

# Research infrastructure for digital HASS at Melbourne: Research Platforms, SCIP, and the Digital Studio

---

Rachel Fensham

Assistant Dean, Digital Studio, Faculty of Arts





# University of Melbourne research infrastructure

## **Research Platform Services**

empowering researchers to do great things with IT, through storage, technology, tools and training

## **Melbourne Collaborative Infrastructure Committee**

a structure that permits internal and external researchers to access collaborative technical expertise and continuous learning.

## **Scholarly Information Services (Library)**

comprises the University's library and scholarly information management services, collections management, and core educational technology services.

## **The eScholarship Research Centre (Library)**

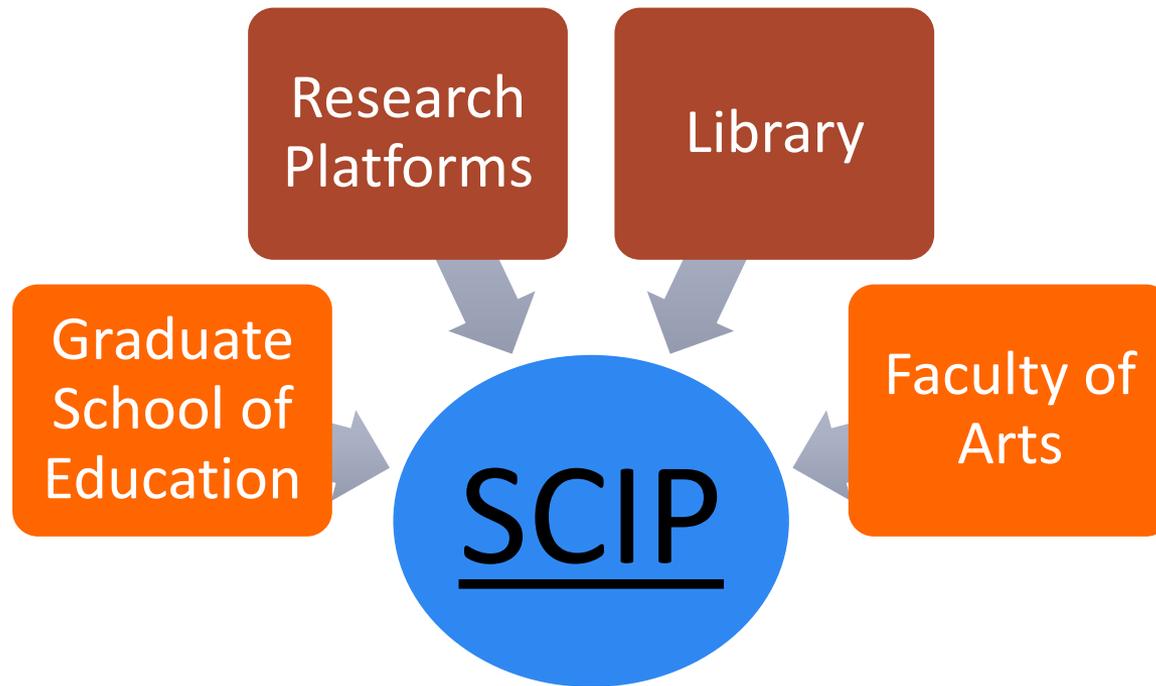
a research centre within the University Library, with a focus on archival science, metadata, and contextual information.

## **SocioCultural Informatics Platform (Library)**

a social and cultural informatics platform resourced by collaborative University funding to support HASS researchers with data infrastructure development, training and storage capacity



# Integrating delivery of digital expertise, tools and outcomes with HASS knowledge

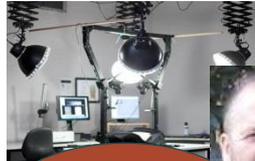




# SCIP Library Network and Research Platform Services



eScholarship Research Centre



University Digitisation Centre

SCIP Informatics Team



Research Publications & Programs

Collections and Archives

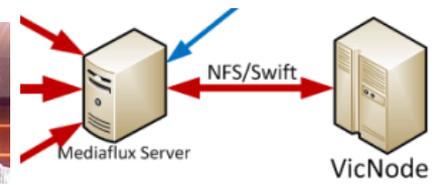


Digital Scholarship

Arts & MGSE Liaison Librarians



Research Platform Services



Research Bazaar (training)





## SCIP from Phase 1 (2013-2016) to Phase 2 (2017-2019)

- WP 1 Platform Management and Coordination
- WP 2 Requirements Capture
- WP 3 Development and Deployment of Research Tools and Services
- WP 4 Data Repository
- WP 5 Digital Transformations
- WP 6 Research Data Management and Curation
- WP 7 Research Knowledge and Archiving Services
- WP 8 Engagement with Non-Partner Faculties
- WP 9 Dissemination, Training and Outreach
- WP10 Evaluation and Future Directions
- WP11 Career Development for Socio Informaticians

Expert support for individual researchers including ARC grant cycle input and monitoring

Project partners alignment with research infrastructure

Platform development, training & workshops

National engagement with NCRIS, and initiatives, such as ANDS, HUNi, NECTAR leading to the National Research Infrastructure Roadmap 2016 e.g. HASS DevL

Faculty alignments, identifying shared research needs

Delivery of scholarly services for digital preservation, digitisation etc.

Support for Omeka, Mediaflux, mapping & visualization, digitisation, analytics, & data-in-the-field tools



# University of Melbourne academic research expertise

## **Networked Society Institute**

catalysing interdisciplinary research to understand and create the networked future

## **Data Systems and Society Research Network**

a collaborative research network focussed on building a community of scholars and data infrastructure in the broad areas of data, systems and society

## **The Microsoft Research Centre for Social Natural User Interfaces (SocialNUI)**

collaborative research for creating and understanding innovative Natural User Interfaces (NUI) that facilitate human communication, collaboration and social interaction.

## **Digital Studio (Faculty of Arts)**

provides advocacy, advice and project curation for Faculty of Arts researchers and industry partners working in the digital humanities, arts and social sciences (HASS)



# Digital Studio

- Leading debates and discussion for digital scholars, whether critics, creatives or champions
- Community building and mentoring of the new generation of digital humanists
- Exhibition and research curation in a mediated environment
- Piloting and enhancing HASS data projects and methodologies
- Fostering industry partnerships and digital innovation
- Membership and advocacy on University and national committees to advance digital scholarship and infrastructure
- Supporting international knowledge exchange, by hosting fellows and interns





# Digital Studio as broker for identifying issues in HASS

- 10% of academics understand that they have, make and use 'data' – how to increase this?
- Start early – PhD students, before and in first year of ARC grants
- Use University software and tools, road-tested, reliable, easy to use, and/or open source
- Introduce existing datasets, collections, and platforms that can enrich their existing data
- Use low-cost technologies and applications
- Harness capacity from computing, IT, creative arts, software and design researchers
- Produce bespoke research innovations as value-add to projects
- Make opportunities for progressive learning and sharing of project methods
- Map the evidence of digital HASS

