Macquarie University's Research Hub - Integrating PURE into the Research environment

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About Macquarie

800  funding applications
3000 research outputs
33287 FTE students
576 HDR completions
1500 HDR enrolments
Pure and other component systems of Macquarie’s Research Hub
Where does PURE fit technically?
Timeframe

Pure Project Phases

- June 2016 – project startup – Research Services / Library / central IT / Faculties
- July 2016 - configuration of research outputs begins
- October 2016 – data migration of research outputs from legacy systems and PRS
- May 2017 – live with research outputs, activities, researcher profiles
- December 2017 – configuration of applications and awards
- March 2018 – data migration of awards & applications from legacy systems
- April 2018 to now – configuration of all remaining modules
Before Pure outputs process
Pure at the centre of the hub

• Live with full functionality including research outputs, funding applications, equipment, prizes, awards, activities, theses,
• Profiles showcases Macquarie’s research both internal and externally

Associate Professor Roger Chung's video
Benefits for internal processes

- Data availability for internal operational and strategic purposes
- Researchers are more aware of their profile and engaged with the system, which helps with compliance
- Library & Research Services focusing on data collection and auditing
- Department research administrators removed from research outputs workflow to allow them to focus on data analysis
- Collecting more elements now – e.g. Thesis, activities, equipment
- Enabling the linking of awards to publications
- More detailed data collected in some modules – award budget
Benefits for external processes

- Ability to support national assessment submissions and compliance e.g. Excellence in Research for Australia (ERA), Engagement Impact & Assessment (EIAP)
- PURE system used for promoting rollout of researcher identifiers, e.g. ORCID, Scopus ID
- Better integration of data such as Scopus, SciVal, WoS
- Research profiles showcasing Macquarie’s research to funders, industry etc
- Promotes open access availability and compliance
- Leveraging experiences from large local and international user community
Desired Pure improvements

- Reporting – Needs significant improvements
  - MQ solution - data warehouse and Power BI
- Lack of integrated processes between modules, e.g. outputs and person records
- Automated harvesting – needs to be more flexible
- Lack of parallel workflows in awards module resulting in complex workarounds
- Access control – needs adding flexibility in user access control
- Ability to bulk upload data e.g. classification schemes
- ERA module – enable full functionality
Macquarie’s future plans

- Evaluating research activity annually thus improving benchmarking
- Planning to use PURE ERA module to implement an ongoing data coding for the future ERA submissions
- Investigate further integrations with SciVal – how to get best use of this integration
- Integrate with ERM / Infonetica
- Integrate data from PURE awards with Contracts management system
- Develop Data Warehouse further if Pure reporting is not fully developed enough to meet our needs
Any questions?

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