Machine Actionable Data Management Plans in the Repository: Motivation and Implementation

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Go to www.menti.com and use the code 4612 5846
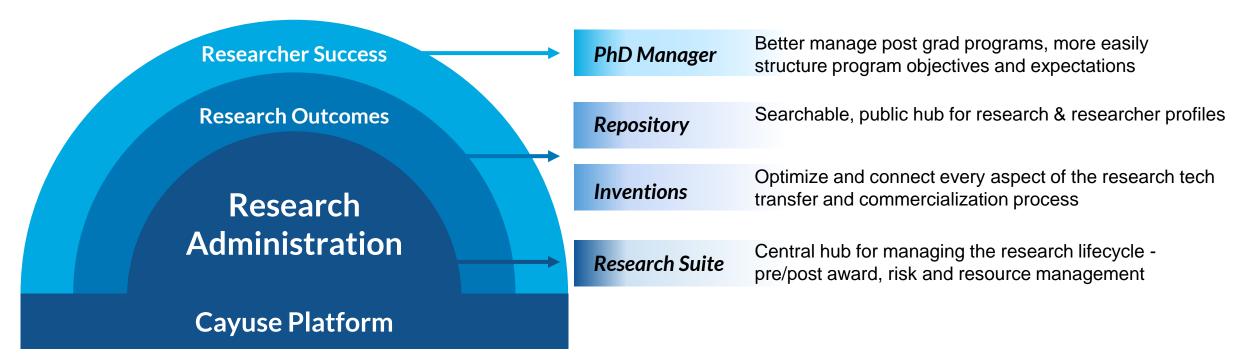
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The Cayuse Research Platform

Built to empower globally connected research

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Researcher Success

Research Outcomes

Research Administration

Cayuse Platform

PhD Manager — Better manage post grad programs, more easily structure program objectives and expectations

Repository — Searchable, public hub for research & researcher profiles

Inventions — Optimize and connect every aspect of the research tech transfer and commercialization process

Research Suite — Central hub for managing the research lifecycle - pre/post award, risk and resource management

University of South Wales — Prifysgol De Cymru

UNIVERSITY OF WESTMINSTER

Ulster University

Cardiff Metropolitan University

Canterbury Christ Church University

LIVERPOOL JOHN MOORES UNIVERSITY

UEL — University of East London

UNIVERSITY OF DERBY

ROTHAMSTED RESEARCH

UON — University of Northampton

UNIVERSITY OF LEICESTER

The Cayuse Research Suite

Enabled by our Connected Research Cloud Platform, driving impact across the entire hierarchy of challenges

Find Funding   Develop Proposals   Submit Proposals   **AWARD**   Manage Funds   Manage Operations   Promote Outcomes

✓ **Minimize risk** ✓ **Maximize efficiency** ✓ **Optimize planning** ✓ **Enable data-driven research** ✓ **Support Researchers** ✓ **Track Outputs**

cayuse Pre-Award

Fund Finder • Competitions • Proposals

cayuse Sponsored Projects

cayuse Post-Award

Fund Manager • Project Effort • Inventions • Repository

cayuse Risk Management

Human Ethics • Animal Oversight • Hazard Safety
Outside Interests • Training Records

cayuse Resource Management

Vivarium Operations • Schedules • Vet Care

cayuse Platform

Central administration
All data in one place
User-centric dashboards and analytics

Single Sign-On (SSO)
Cross-app workflows
APIs for simplifying integrations

Getting to know you!

Go to www.menti.com and use the code:
4612 5846

First Half

- Motivations for moving towards machine-actionable data management plans

- Representing a data management plan in a structured format

- Standard features of CRIS systems and how they can be utilised by DMPs

Motivation

Policy Compliance

- Regional
- Funder
- Institutional

Motivation

Interoperability benefits

- Minimising administrative burden
- Reporting
- Planning

Structuring a DMP

Motivation

Some standard features of repository or CRIS systems easily applied to DMPs

- Version Control
- Change Tracking
- Role based controls

Second Half

- Tangible benefits of machine actionable data management plans within an integrated research management system

- Our planned future functionality

Implementation

Tangible benefits

- Storage and infrastructure warnings
- Preloading of data from external systems or modules in a CRIS system
- Planned vs actual research data within the repository
- Warnings/reminders to restrict personal/sensitive data

Demonstration

Implementation

Future development

- Public landing pages for DMPs
- Minting of DMP-IDs
- External integrations

Any questions?

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