

Larger RAISE Sub-projects Completed, in Development, Proposed

Focus Area	Project	Challenges Overcome / Impact / Accountability & Savings
Research Proposal Submission and Internal Approval	<p>My Research – Applications (MRA)</p> <p>Enables electronic submission and automated workflow (on-line electronic approvals) of the RIS Application Attachment form through a user-friendly web interface.</p> <p>Deployed in the spring of 2013.</p>	<p>Research approval processes were standardized across the University allowing automation of approval workflows through an interface with Human Resources data, thereby ensuring that only:</p> <ul style="list-style-type: none"> - investigators who meet University PI eligibility guidelines may submit proposals - duly authorized approvers are providing sign-off - duly authorized units are allowed to administer research <p>The system provides greater transparency to academic administrators of research activities for faculty associated with their units and improved data quality. A complete audit trail is maintained. Impact analysis estimates annual savings of approx. \$285K.</p>
Ethics	<p>My Research – Animal Protocols (MRAP)</p> <p>Enable Animal Use Protocol Form to be submitted and reviewed on-line with electronic workflow and auto-creation of RIS record.</p> <p>Deployed late spring 2015</p>	<p>Improved capacity to meet CCAC requirements and Agreement on the Administration of Agency Grants and Awards by Research Institutions (Tri-Council MOU) Easier and more efficient protocol renewal. Improved tracking of animal use. Improved data quality. Centralized access, storage, and management of animal use protocols documents, including remote access. Easier submission process for on-going studies. Staff time efficiencies. An impact analysis estimates annual savings of approx. \$240K</p>
	<p>My Research – Human Protocols (MRHP)</p> <p>Enable Human Protocol Submission Forms to be submitted on-line with electronic workflow (online electronic approvals) and auto-creation of RIS record.</p> <p>In development; to be deployed in 2016</p>	<p>Improved capacity to meet Tri-Council MOU and TCPS requirements. Centralized access, storage, and management of animal use protocols documents, including remote access. Easier submission process for on-going studies. Easier and more efficient protocol renewal. Improved data quality. Staff time efficiencies.</p>
Automation of Fund Closeout	<p>Automate processes related to fund close-out after the end date and submission of final report to sponsor</p> <p>First phase complete – close out of deficits</p>	<p>Accurate and timely handling of revenue shortfalls and surpluses.</p> <p>Decreased likelihood of unrecoverable post-close-out expenditure postings</p>

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Research Revenue Clean Up	Clean up missing Revenues in NSERC and CIHR grants (historical). Complete	Ability to accurately reflect relationship between budget, revenue and expenditures. (Attribution of surpluses & deficits removes hidden liabilities and assets)
Calendaring	Event Calendar Develop calendar of events for individual FReDs that tracks and triggers events and notification. Addition of mandatory fields to improve data integrity In development	Ability to track, monitor events/deliverables, e.g. Invoice requirements, financial reports, PI deliverables. Reduced likelihood of sponsor non-payment due to failure to provide a deliverable. Improved customer management.
	Sub-Award Disbursement Automate processes related to administering sub-award from U of T to other institutions Specs under review	Improved cash management. Controls on receipt of sub-awardee deliverables to reduce risk to University.
	Receivable – Invoicing Automation of generation of invoice for sponsor billing (Triggered by date maintained in “calendar”) Specs under review	More timely invoice generation. Reduced risk of sponsor non-payment.
	Document Attachment Enable attachment of documents to RIS/My Research Specs in development	Provides detailed source document to appropriate end-users, e.g. full research agreements to PIs/ Business Officers. Reduced risk of contract breach, liability and sponsor non-payment.
Automation of partial funds release	Automate partial release of funds prior to receipt of ethical approval Specifications complete	Reduced likelihood of error and posting of ineligible expenses. More accurate statistical reporting (current manual methodology causes award totals to fluctuate)
Enhance Financial Reports	Enhance a number of Financial Reports in FIS Ongoing	Improved financial management of funds
MROL Enhancements	Change access point for users from Campus Business Connect to My Research system. Enhancements to MROL, including an alerts or communications section. Automation of account set-up. PIs may access MROL through My Research. Access for Business Officers, Project Managers and Librarians under development. Partially completed	Improved turn-around times. Improved project/fund management. Reduction in the number of User IDs and passwords needed to access research administration information

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Invention Disclosures and Resulting Disbursements	An MRA-like streamlining and automation of inventions disclosures and administration of associated cashflow. Automate calculation of royalty payouts as part of review of entire workflow. Specifications under development	More efficient processing of disclosures and disbursements. Improved data gathering on funding sources and research participants More timely disbursement of inventions revenues to inventors and associated units
Automate Upload of award results	Automate creation of FReDs Pilot project with NSERC under discussion	Faster award set up Reduction in errors due to removal of re-keying
Separate Masters & Doctoral payments on financial reports	Enable system differentiation of payments to Masters and Doctoral Students Analysis underway	Error reduction Improved compliance with Tri-Council MOU
Check for Active FReDs with missing No Posting status	Create a report to identify active FReDs that should have a No Post status due to absence/lapse of ethical protocols Proposed	Reduced risk of non-compliance with Tri-Council MOU
Ethics - Human Protocol renewal – Freezing Funds	Automate freezing of spending on research funds linked to expired protocol (setting NoPo in FIS). Proposed	Improved compliance with Tri-Council MOU Reduced likelihood of disallowance of expenditures
Modifications to the RIS and/or MRA reports	Additional data points on reports Proposed	Improved data analysis and prospecting capabilities
Interest Revenue Posting	Monthly automated posting of EFIP interest revenue and expense calculation on restricted funds Proposed	Reduction in the manual calculations needed by Research Accountants for financial reporting. Timely update of fund revenue status
Data Quality Checks	Develop on-line and nightly data quality checks within all areas of RIS and FM budgets Proposed	Timely error resolution
Research Cube Enhancements	Add new dimensions and data points Proposed	Improved data analysis capabilities

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