

Loyola University Chicago

ITS Major Initiatives – FY23 Q3-Q4

<p>Academic and Faculty Support</p> <ul style="list-style-type: none"> • LOCUS Enhancements (2) • Customer Relationship Management System Pilot with SLATE • Stritch School of Medicine Admissions System Replacement • Faculty Administration Re-Architecture Strategy- FARS (9) • Review and Evaluate Proposed Research Administration Solutions • TAMS Evaluation and Implementation 	<p>Administrative Initiatives</p> <ul style="list-style-type: none"> • Lawson/ Kronos Enhancements (5) • Course & Curriculum Mgmt (Courseleaf) • Data Governance & Integrity • Academic Program Plan Auto Discontinuation Process • Compliance Governance (2) • Budget Application System Control Totals • Implement Single Conflict of Interest Platform for University • School of Education Web Based Portal & Document Repository 	<p>Student Technology Support</p> <ul style="list-style-type: none"> • EAB Navigate Phase II • LDE Student Experience Lifecycle PeopleGrove Mentoring: Main Hub, Sub Hubs for Schools (9) • Financial Aid Award Letter Processes – Aid Year 2024 • State Immunization Module Migration – LOCUS to Health App • Tuition Insurance Enhancements • LOCUS iPlan Enhancements • Implementation of Mobile Check-in for Wellness • Commencement 2023
<p>Infrastructure</p> <ul style="list-style-type: none"> • Information Security Program (7) • IT Disaster Recovery (5) • Identity and Access Management Enhancements • iParc Reader Replacement – Chip and pin 	<p>Continuous Service Development</p> <ul style="list-style-type: none"> • Advancement CRM Replacement • LDE Transformation: Digital Assistant/ Chatbots (4) • LDE Consumable Experience (Portal Pilot) • Business Intelligence/ Data Warehouse (8) • Enterprise Content Management (6) • Graduate Student Progress System Assessment / Replacement • Rome Center Improvements (6) 	<p>Research Computing Services</p> <ul style="list-style-type: none"> • Innovations in High-Performance cNLP • PCORI CAPriCORN 2020 Refresh • LEAF Data Repository • Natural Language Processing (NLP) to Enhance Computable Phenotyping



“Loyola Digital Experience”

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Health Legend

Green – On Target, No Risk
Lime – On Target, Minimal Risk, Minor Concerns, Under Control
Yellow – Target in Jeopardy, Risks Being Managed, Unknowns Exist
Orange – Slightly Off Target, Several Risks or Unknowns
Red – Off Target, High Risk, Multiple Concerns



Preparing people to lead extraordinary lives

ACADEMIC AND FACULTY SUPPORT

LOCUS Enhancements (2)	Sponsor: Rita Vazquez, Robyn Mallett Project Manager: Xiomara Franco, Dawn Fitzgerald	Health	
		Prior	Current
Institutional Impact: Enhancements that improve service or increase efficiency for student and faculty services offered via the Student System (LOCUS).			
Recent Activity: 1) Completed testing of the infrastructure move from Sequoia Servers to RedHat Servers. 2) Completed interface changes related to Student Accessibility Center and Course Evaluations applications. 3) Worked on multiple financial aid customizations as part of our loans, disbursements, and awards and packaging processes and procedures. 4) Finalizing prototype for new student front end for SSN data collection.			
Next Steps: 1) Continue planning 2023 maintenance. This will include server migration of our scheduled file transfer, and upgrades of PeopleTools, Application, and Campus Experience. 2) Investigate the modifications needed in support of FAFSA simplification following direction from the DOE and Oracle.			

CRM System Pilot with SLATE	Sponsor: Karen Berg, Jennifer Boyle Project Manager: Mary Bunker	Health	
		Prior	Current
Institutional Impact: School-based CRM pilot for communication and data management with employers, research sites, students, and other constituents. An enterprise CRM platform offers a consistent experience and creates a single platform with which the University can capture, share and report on participation and engagement.			
Recent Activity: 1) Project health upgraded as challenges with delivery of requirements are being managed with vendor. 2) Data cleansing and imports into Slate CRM are nearly complete for School of Nursing and Arrupe and development of automated feeds is starting. 3) User testing in progress for both Arrupe College and School of Nursing on CRM application. 4) School of Nursing testing / reviewing updates to Slate student portal. 5) User documentation drafted for Arrupe College advisors.			
Next Steps: 1) Finalize CRM application testing for School of Nursing and Arrupe College. 2) Finish School of Nursing portal testing and handoff from consulting vendor. 3) Continue to develop and test automated interfaces into the CRM application.			

Stritch School of Medicine Admissions System Replacement	Sponsor: Darrell Nabers Project Manager: Kelly Pearce	Health	
		Prior	Current
Institutional Impact: The current SSOM Admissions System (STARRS) is not fully supported by AMCAS and is not able to provide effective historical reporting. Replacement benefits include: <ul style="list-style-type: none"> • Continuous data collection for historical reporting and decision making • Alignment with annual changes of AMCAS data to reduce IT manual efforts • Reduce the amount of manual and duplicate business efforts with increased integration and continuity 			
Recent Activity: 1) Completed Phase 1 Soft Lunch July 1. 2) Set up and gave access to Reviewers in AMP. 3) Completed training manual for Review module.			
Next Steps: Phase 2 historical data transfer, system integrations, and additional modules.			

Faculty Administration Re-Architecture Strategy–FARS (9)	Sponsor: Badia Ahad Project Manager: Warren Francis	Health	
		Prior	Current
Institutional Impact: Support One Loyola with a single Faculty review and administration system. This system will interact with all other third party systems and create a single method to interact with backend systems.			
Recent Activity: 1) Faculty Admin (FA) and Interfolio worked on getting HSC data into F180. FA & OIE to review how OIE configured the Lakeside annual review process. 2) FSP – The development team met with the client to demo the current phase 3 requirement changes in FSP. 3) OIE is working to understand all the data points in the FIS systems at LSC and HSC to understand what changes can be made to a unified system.			
Next Steps: 1) As of March 16, FA is pausing the HSC implementation to re-evaluate the options, given new information about how F180 will function for FIS users. 2) Continue development for pending FSP issues and requested enhancements by July 7. 3) Continue to work with HR, FA, and OIE to implement a future state FIS solution.			

ACADEMIC AND FACULTY SUPPORT, cont'd

Review and Evaluate Proposed Research Administration Solutions	Sponsor: Dr. Sonny Singh Project Manager: Kelly Pearce	Health	
		Prior	Current
Institutional Impact: A single Electronic Research Administration (ERA) system will increase efficiency, security and ease-of-use, as well as consolidate two legacy, custom-developed platforms that no longer meet our needs.			
Recent Activity: 1) Completed functional area current state process flows for: Sponsored Project Proposals, Award Management, Agreements, SPA/HSC Finance, CRO/Cancer Center, IRB Operations, Technology Transfer & Animal Operations/IACUC. 2) Gathered requirements & Scoring from the main ERA functional areas.			
Next Steps: 1) Combine Requirements list with Core Project Team and insert into the RFP template. 2) Create Budget Plan for the project. 3) Send out RFP to preferred ERA vendors.			

Digital Badging Solution	Sponsor: Robyn Mallett Project Manager: Diane Haberkorn	Health	
		Prior	Current
Institutional Impact: Digital badges and micro-credentials are increasingly used to recognize non-degree professional development competencies. They provide evidence that learners can demonstrate specific skills. Digital badges/micro-credentials will increase the competitive value and recognition of non-degree based credentials offered by Loyola.			
Recent Activity: 1) Began pilot program with Executive and Professional Education Center (EPEC) for academic non-credit, and with Office of Online Learning (OOL) & Instructional Technology and Research Support (ITRS) for faculty & staff professional development. 2) Established preliminary Governance and structure. 3) Ongoing collaboration with UMC to develop branding and images for Pilot.			
Next Steps: 1) Team to begin building out badges to be earned during Pilot. 2) Full pilot launch to begin in Fall 2023 and wrap up through Spring 2024.			

ADMINISTRATIVE INITIATIVES

Lawson/Kronos Enhancements (5)	Sponsor: Danielle Hanson, Becky Gomez Klein Project Manager: Mary Bunker	Health	
		Prior	Current
Institutional Impact: Ongoing improvement projects for Enterprise resource planning (ERP) software which includes Budgeting and Planning, HR, Payroll, Accounting, Grant Management, Supply Chain and Expense Management.			
Recent Activity: 1) User testing of Lawson application on Windows 2019 servers continues. 2) Development and testing in progress for changes to Total Rewards Statements. 3) Development and testing in progress for WorkBright new hire to Lawson interface of Federal and State tax withholding data. 4) Began work on Merit Letters project for Document Self Service. 5) Diagnostic utility run on Kronos database for vendor to provide cloud migration recommendations for Kronos.			
Next Steps: 1) Continue testing on Lawson server migration project. 2) Finish testing Total Compensation Statements and publish statements in Document Self-Service. 3) Continue to support HR and Finance with process improvement projects to help increase process efficiencies for customers.			
Course and Curriculum Management (CourseLeaf)	Sponsor: Robyn Mallett Project Manager: Diane Haberkorn	Health	
		Prior	Current
Institutional Impact. Enables a university-wide catalog (for course offerings, degree/program requirements, learning outcomes, and academic policies for all or most schools) that is updated, published, and archived. Additionally, it offers electronic curriculum review/approval workflow that retains a full history of changes, eliminating paper/pdf forms.			
Recent Activity: 1) Completed initial Course Catalog (CAT) implementation and soft launched April 2023. 2) To prepare for CIM, ITS and Provost Office partnering to create a single workflow for course and program creation, modification and cancellation to be implemented into CIM.			
Next Steps: Curriculum Management (CIM) Implementation planning and pre-work is ongoing; Implementation to begin by August 2023.			
Data Governance and Integrity (4)	Sponsor: Jim Sibenaller, Teresa Krafcisin, Margaret Callahan Project Manager: Tony Vavarutos, Dawn Fitzgerald, Marilee Ludvik	Health	
		Prior	Current
Institutional Impact: Address data integrity issues that exist within and across systems. Data needs to be validated and sources of truth defined. Good data enables effective service to students and enables efficient operations.			
Recent Activity: 1) Completed the high priority project of documenting of the institutional reporting process as part of the IPEDS reporting need for OIE. 2) Status updated to Lime as the majority of the committee and project work was paused. Data integrity for mobile phone numbers, local addresses for students, and mobile phone numbers for faculty & staff remains in progress. 3) Began process mapping for Data Glossary creation.			
Next Steps: 1) Complete phone number and email cleanup. 2) Advance the data governance program by resuming committee. 3) Begin scoping buildout of OIE Data Warehouse.			
Academic Program Plan Auto Discontinuation Process	Sponsor: Rita Vazquez Project Manager: Nalin Patel	Health	
		Prior	Complete
Institutional Impact: Establishing a sustainable discontinuation process is necessary to achieve and maintain the integrity of student data in LOCUS. Clean/accurate data will positively impact downstream systems and processes that rely on LOCUS student data.			
Recent Activity: 1) Implemented Academic Program Plan Auto Discontinuation Process. 2) Scheduled project kick off meeting with Office of Registrar and gathered new requirements. 3) Analyzed requirements with technical personnel and built a new discontinuation process. 4) Presented the new process to the Office of Registrar and received their approval to move the new process to production.			
Next Steps: This project is complete.			
Compliance Governance (2)	Sponsor: Teresa Krafcisin Project Manager: Jocelyn Ong	Health	
		Prior	Current
Institutional Impact: Provide a portal to monitor Federal compliance in an institutional level and to generate a robust report from Risk Matrix standpoint that will identify areas at risk or concern.			
Recent Activity: Due to resource constraints, this project has not started.			
Next Steps: Meet with Client to gather Phase 2 requirements.			

ADMINISTRATIVE INITIATIVES, cont'd

Budget Application System Control Totals	Sponsor: Alex Kormos Project Manager: Aine McDonagh	Health	
		Prior	Complete
Institutional Impact: The University hierarchy now has more sign-off authority resting within Level 2 instead of Level 1. Updating the screens of this application will more closely mirror the reporting structures in place and allow for more efficient budgeting University wide.			
Recent Activity: BAS team tested the application thoroughly and acknowledged that it was working to their satisfaction and asked for the changes to be copied to production.			
Next Steps: Project is complete.			

Implement Single Conflict of Interest Platform for University	Sponsor: Dr. Sonny Singh Project Manager: Lydia Robertson	Health	
		Prior	Canceled
Institutional Impact: Streamline and combine conflict of interest disclosure processes across the University to enable enterprise efficiencies and document disclosure information and potential conflicts of interest and conflicts of commitment in alignment with the NPSM-33 federal directive.			
Recent Activity: It was discovered that the scope of the Review and Evaluate Proposed Research Administration Solutions Project included the Conflict of Interest disclosure process. This project has been canceled due to this effort being in-scope for the ERA solutions project.			
Next Steps: This effort will be addressed with the Review and Evaluate Proposed Research Administration Solutions Project (PSS#3174)			

School of Education Web Based Portal & Document Repository	Sponsor: Markeda Newell Project Manager: Jocelyn Ong	Health	
		Prior	Current
Institutional Impact: The documents are required for our school district partnerships, state policy for licensure and accreditation as well as the new Loyola Protection of Minors Policy. The School of Education risks not being in compliance with these licensure, accreditation and University policy requirements, which can inhibit Loyola's ability to provide the appropriate credentials for students to practice.			
Recent Activity: Began gathering requirements.			
Next Steps: Identify ITS resources and begin project.			


STUDENT TECHNOLOGY SUPPORT

EAB Navigate Phase II	Sponsor: Paul Roberts Project Manager: Xiomara Francis / Dawn Fitzgerald	Health Prior Current	
Institutional Impact: Navigate is a student success platform that enhances communications between advisor and student and provides tools for academic planning. Later phases may allow direct enrollment from Navigate into LOCUS.			
Recent Activity: 1) Advising Notes Interface to LOCUS – sponsor will assess whether this remains a necessary effort. 2) Vendor has loaded Arrupe student data into test environment; ready for User Acceptance Testing (UAT) with Arrupe staff. 3) One Click Registration - completed required setup and multiple load tests; performance issues and data issues observed during load test with EAB has moved the project health to yellow; working with vendor to resolve.			
Next Steps: 1) Reconvene with EAB Functional Support team to plan out and discuss next steps regarding implementation of One Click Registration. 2) Engage additional load test vendor for second round of performance testing.			
Student Experience Lifecycle: PeopleGrove Mentoring	Sponsor: Paul Roberts, Karen Paciero, Jim Sibenaller Project Manager: Diane Haberkorn	Health Prior Current	
Institutional Impact: An enterprise-wide solution for managing various mentoring programs ensures consistent user experiences for mentors and mentees, facilitates opportunities for mentoring across disciplines, and improves engagement, educational and professional outcomes for students, alumni, faculty, and staff.			
Recent Activity: 1) School of Education and College of Arts and Sciences completed ITS implementation; now with Alumni Relations for ongoing recruitment and marketing. 2) ITS and Alumni Relations completed an API integration and the first iteration of a KPI Dashboard.			
Next Steps: 1) Ongoing engagement and development of the Community of Practice 2) Marcella Niehoff School of Nursing, School of Communication and The Graduate School scheduled to launch Fall 2023. 3) Ongoing enhancements of KPI Dashboard.			
Financial Aid Award Letter Processes – Aid Year 2023	Sponsor: Paul Roberts Project Manager: Caroline Mwangi, Ivan Siap	Health Prior Current	
Institutional Impact: Each Financial Aid Awarding year, Financial Aid office has a set of recurrent operations that are used to process continuing and incoming students data. These processes include ISIR loads, related checklist processing, packaging, and award letters. The group of custom batch programs, which help to facilitate Award letter processing, are known at Loyola as the "Starting Line Up." These ensure that implemented changes are well understood, tested, and accounted for in our institution's processing logic, and in the various external data interfaces.			
Recent Activity: 1) Completed revisions for all customizations for 2024 Aid Year awarding. 2) Continuous troubleshooting of FA issues that arise from our operational processes as well as troubleshoot any issues which require patches or bug fixes as provided by the vendor.			
Next Step: 1) Continue to monitor performance of the various award letter processes. 2) Implement a PUM 29 Selective Adoption Patch which is meant to update the Fiscal Operations Report and Application to Participate (FISAP).			
State Immunization Module Migration-LOCUS to Health App	Sponsor: Joan Holden Project Manager: Daniel Gethner	Health Prior Current	
Institutional Impact: The goal of this project is to move all immunization data into the Health App. This will facilitate users to access data for verification in one location; improves ease of use, workflow, and reduces errors.			
Recent Activity: 1) The team continues to work on front-end/UI changes and compliance engine. 2) The development team met with the Locus team to clarify Locus Database tables. 3) Email templates received from the Wellness team for submissions.			
Next Steps: 1) Continue development of Front-end/UI changes & Compliance engine. 2) Meet with the Wellness team to discuss the admin page & demo prototype.			
Tuition Insurance Enhancements	Sponsor: John Campbell Project Manager: David Kessler	Health Prior Complete	
Institutional Impact: These project enhancements are needed for the purpose of improving the current customer service available to the impacted population.			
Recent Activity: Project was implemented on March 23, 2023.			
Next Steps: Project is complete			

STUDENT TECHNOLOGY SUPPORT, cont'd

LOCUS iPlan Enhancements	Sponsor: John Campbell, Tom Catania Project Manager: David Kessler	Health	
		Prior	Current
Institutional Impact: Reduce the occurrence of manual intervention by administrators and enhance customer satisfaction.			
Recent Activity: This program was broken into individual projects for each area of iPlan that will be impacted: Synch/Critical Pay, Reconciliation, Communications, Technical, Budget Wizard, Closeout, and Late Pay Fees. Project remains lime due to delayed start.			
Next Steps: Kick off projects 8/1.			
Implementation of Mobile Check-in for Wellness	Sponsor: Joan Holden Project Manager: John McGivney	Health	
		Prior	Current
Institutional Impact: Check-in solution (replacing open check-in kiosks) for Wellness Center patients; Consent solution (replacing signature pads) for treatment of patients.			
Recent Activity: 1) Completed & recorded a Demo regarding the two mobile components, Check-In and Consent. 2) Completed Mobile Consent implementation. 3) Mobile Check-In implementation in progress. Wellness Center to determine locations where Mobile Check-In will be available for students.			
Next Steps: 1) Finalize Mobile Check-In setup for implementation.			

INFRASTRUCTURE

Information Security Program (7)	Sponsor: Jim Sibenaller Project Manager: Jim Pardonek	Health Prior Current
<p>Institutional Impact: Continue risk mitigation and management associated with the confidentiality, integrity and availability of University protected and sensitive information.</p> <p>Recent Activity: <u>Awareness</u> – Spring FY23 training for all faculty, staff and new hires was completed. New video content is being developed with an August release date. Discussions continue with Student Development to determine next steps to raise Student awareness, including articles in “The Kettle” and increased social media cooperation with Res-Life and other student-facing departments. <u>Compliance</u> – PCI-DSS assessment for 2023 60% complete. 2023 PII remediation Program continues. <u>Risk Reduction</u> – Endpoint Detection and Response deployment continues with a July 30 completion date. Server “hardening” and vulnerability management treatments continue. SSL Decryption enabled for Kronos and DocFinity, with Locus testing in progress. 2023 annual penetration test underway.</p> <p>Next Steps: 1) Ongoing security awareness and phishing assessments. 2) Continue server hardening and PII Program. 3) Implement Risk Assessment treatments.</p>		
IT Disaster Recovery (5)	Sponsor: Margaret Callahan, Tom Kelly, Jim Sibenaller Project Manager: Jim Sibenaller	Health Prior Current
<p>Institutional Impact: Timely restoration of key University technology services in the event of disaster or severe outage.</p> <p>Recent Activity: The DR program for 2023 continues to be on hold due to resource constraints. Health changed to yellow due to prolonged restart.</p> <p>Next Steps: 1) Establish current state of the program. 2) Launch plan review process. 3) Test all systems/applications.</p>		
LDE Foundation: Identity and Access Management (IAM) Enhancements	Sponsor: Jim Sibenaller Project Manager: Daniel Gethner	 Health Prior Current
<p>Institutional Impact: Improvements to Loyola's IAM System are required to automate access management to applications and services. As roles within the University change and evolve, our IAM system should transition a person's access with minimal administrative intervention and without disruption. Once complete, application access will automatically transition as an individual's role changes, minimizing unauthorized access risk and improving productivity.</p> <p>Recent Activity: 1) Received updated quotes from One Identity that did not meet our needs and opted to seek alternative options. 2) Met with RFP second choice SailPoint to discuss path forward and next steps.</p> <p>Next Steps: 1) Set up demo to review updated features and functionality from SailPoint. 2) Communicate to extended team decision to pursue SailPoint.</p>		
iParc Reader Replacement – Chip and Pin	Sponsor: Gretchen Carey Project Manager: John McGivney	Health Prior Current
<p>Institutional Impact: Loyola is looking to make the credit card readers in the parking equipment Chip and Pin readers. This is being done in an effort to make payments more secure and PCI compliant.</p> <p>Recent Activity: This project has been put on hold as the vendor (Windcave) is incompatible with Loyola's payment processor (Chase Payment Tech). Amano has stated they are moving toward a Touchnet solution that is compatible with Chase, but it will not be available until Q3 2023 at the earliest. This project will be put on hold until after PCI certification (October 2023) and resumed once Amano has a Touchnet ready solution to offer.</p> <p>Next Steps: Restart project after compliant software is available.</p>		

CONTINUOUS SERVICE DEVELOPMENT

Advancement CRM Replacement	Sponsor: Karen Paciero, Jim Sibenaller Project Manager: Diane Haberkorn	Health	
		Prior	Current
Institutional Impact: Replace current solution to provide contemporary functionality and enhanced relationships with the Loyola Alumni community. The new system will support Advancement as they prepare for a new capital campaign.			
Recent Activity: Project remains yellow due to the delay of tasks, concerns regarding Zuri performance and comfort level with the new live date. 1) Data clean up and conversion efforts have begun and will continue throughout 2023. 2) Discovery sessions completed with Advancement and ITS SMEs. 3) Applications and Integrations initial plans complete. 4) Project Timeline extended to October 2024. 5) Marketing Cloud Implementation (Phase 1) is in progress.			
Next Steps: 1) Complete design sessions through September 2023. 2) Integrations specifications are in development with Zuri; pending Loyola review throughout Fall 2023. 3) Ongoing Marketing Cloud implementation (Phase 1); set to complete September 2023. 4) Team to determine Applications to be submitted for RFP and selection process.			
Digital Assistant / Chatbots (4)	Sponsor: Jim Sibenaller Project Manager: Lydia Robertson	Health	
		Prior	Current
Institutional Impact: Increase administrative efficiencies and improve service to students, faculty and staff using Digital Assistants or "Chatbots". Answers to most frequently asked questions are self-service & available 24/7.			
Recent Activity: 1) Upgraded ChatBot/LUie, allowing for ChatGPT capability when adding new content. 2) Completed Role Review and Cleanup of Existing Users for IDA (Admins and Raters). 3) Testing message controls when users do not have access to LUie in LOCUS.			
Next Steps: 1) Work on deploying LUie to Graduate and LAW Students from within LOCUS. 2) Onboard the HR Team to LUie. 3) Continue building out content authentication-based questions. 4) Create Teams Channel for LUie support. 5) Prepare for next Governance meeting.			
ITS Portal Pilot	Sponsor: Jim Sibenaller Project Manager: Kelly Pearce	Health	
		Prior	Current
Institutional Impact: This pilot is expected to validate features and functionality for a Loyola-wide portal experience, where content is tailored to each student, faculty, or staff.			
Recent Activity: Health changed to yellow due to project being on hold pending resource availability.			
Next Steps: 1) Review how best to reshape and move forward. 2) Rethink where this effort fits into our clients' overall user experience.			
Business Intelligence / Data Warehouse (9)	Sponsor: Margaret Callahan, Wayne Magdziarz, Jim Sibenaller Project Manager: Tony Vavarutos	Health	
		Prior	Current
Institutional Impact: Inform planning and strategic decisions at Loyola with new visualizations, reporting and data analyses using enterprise data that is more easily accessible and consumable.			
Recent Activity: 1) Completed documentation and data gathering for IPEDS reporting as requested by OIE. 2) Completed the SSOM/HSC and PTAP/LSC Awards part of the Unified Research project. 3) Completed the creation of the OIE Data Warehouse (ODW) to be used by OIE staff for their reporting needs. 4) Completed the development of HR Metrics data model as guided by HR. 5) Continued with the WebFOCUS report conversion project. 6) Completed the integration project of Slate CRM for Arrupe. 7) Working on interface projects such as Slate CRM for SON, Slate data archive and PeopleGrove. 8) Working on the IL state-mandated immunizations submissions for new incoming students. 9) Made significant changes to the data submission and clean up for the Loyola Alert and Advisory processes.			
Next Steps: 1) Work with the Advance team in their Advance to Salesforce CRM conversion project. 2) Continue WebFOCUS report conversion and the Research, HSC/SSOM data consolidation projects. 3) Restart Phase 3 Learning Analytics framework/dashboard. 4) Complete the numerous interfaces that are in progress.			

CONTINUOUS SERVICE DEVELOPMENT, cont'd

Enterprise Content Management (6)	Sponsor: Jim Sibenaller Project Manager: Mary Bunker	Health	
		Prior	Current
Institutional Impact: Improve/streamline student services & interdepartmental process efficiency while reducing paper.			
Recent Activity: 1) Completed DocFinity Test Server Migration. 2) Active projects include: DocFinity server migration to Server 2022 (for QA and Production), Wellness Center – COVID 19 Immunizations, School of Law document repository, adding MFA for DocFinity Authentication, Workbright/Lawson/DocFinity API, Faculty Admin Repository, testing APIs with Lawson server migration.			
Next Steps: 1) Obtain User Acceptance Testing sign-off on active projects. 2) Implement process to purge deleted documents regularly.			

Grad Student Progress System Assessment/Replacement	Sponsor: Emily Barman Project Manager: Aine McDonagh	Health	
		Prior	Current
Institutional Impact: Identify a long-term solution to support the management of graduate student progress through degree requirements and the growth of graduate programs outside of the Graduate School.			
Recent Activity: 1) Sent RFPs to vendors. 2) Received acknowledgment of receipt from the vendors and intent to respond.			
Next Steps: 1) Wait for vendor questions and submittals. 2) Rank vendor responses. 3) Schedule vendor demos. 4) Select a solution.			

Rome Center Improvements (6)	Sponsor: Todd Waller Project Manager: Xiomara Franco, Polly Tobias	Health	
		Prior	Current
Institutional Impact: This effort will focus on providing the Rome Center with technology solutions to replace manual business processes. By doing so, we'll improve and streamline processes, lightening the administrative load on the Rome Center Staff.			
Recent Activity: 1) Re-engaged OIP and JFRC team to begin current-state documentation of TerraDotta functionality.			
Next Steps: 1) Continue current-state TerraDotta documentation. 2) Build program plan and timeline for the project team to work towards.			

RESEARCH COMPUTING SERVICES

Innovations in High-Performance cNLP	Principle Investigator: Dr. Kathy Bobay Assigned: Ron Price, Jason Boyda	Health	
		Prior	Current
<p>Institutional Impact: Electronic health record (EHR) narrative notes contain rich data about patient care and comprise approximately 80% of the EHR's content. These data are difficult to access and analyze without tedious and costly manual chart reviews. Loyola's new clinical natural language processing (cNLP) and clinical inference engines eliminate the barriers of previous cNLP products, namely lack of near real-time performance and the need for extensive hardware and technical expertise. These innovations can be used in real-time, in a wide range of use cases including, but not limited to: care coordination/population health; quality improvement; clinical decision support; and research.</p>			
<p>Recent Activity: 1) Collaborated with multiple Loyola departments to complete cNLP licensing term sheet for University of Michigan SOURCE Consortium. 2) Collaborated with Quinlan School of Business (QSB) to conduct a full-day NLP workshop (April 6, 2023) for faculty and students. 3) Worked with Dr. Peter Norlander of QSB to develop and submit a Schreiber Innovation Fund application to develop a large-scale NLP service targeting unstructured narrative in selected business domains.</p>			
<p>Next Steps: 1) Deliver and negotiate cNLP license with SOURCE Consortium. 2) Continued work with QSB faculty to develop an NLP-derived O*Net business term ontology. 3) Continued work with Ophthalmology faculty on a discipline-specific knowledge map.</p>			

PCORI CAPriCORN 2020 Refresh	Principle Investigator: Dr. Francis Weaver Assigned: Ron Price	Health	
		Prior	Current
<p>Institutional Impact: The Patient Centered Outcome Research Institute (PCORI)/CAPriCORN 2022 Clinical Data Repository (CDR) is a large-scale clinical data repository that is refreshed or updated quarterly and conforms to PCORI's Common Data Model (CDM) version 6.1. The CDR serves as the basis for a number of clinical studies including those operational on the national PCORnet network and specialized studies. The CDR also supports local CAPriCORN collaborations amongst Chicago's academic medical institutions.</p>			
<p>Recent Activity: 1) Completed PCORI CY2023 Q1 data repository refresh. 2) Continued participation in the NIH National COVID-19 Cohort Collaborative (N3C) program. 3) Actively working with Dr. Fran Weaver (Parkinson) and Northwestern on a potential DARPA project exploring distributed clinical data repository analysis. 4) Used PCORI data resources for first LEAF application data load.</p>			
<p>Next Steps: 1) Continue to participate in N3C (requires weekly data submissions) program. 2) Process QY2023 Q2 data refresh. 3) Work with HSC Legal team on agreements for Northwestern DARPA project.</p>			

LEAF Data Repository	Principle Investigator: Dr. Elaine Morrato Assigned: Ron Price	Health	
		Prior	Current
<p>Institutional Impact: The Observational Medical Outcomes Partnership (OMOP) data repository project is part of an on-going effort supported by NIH's Clinical and Translational Science Awards (CTSA) through an award to Loyola from University of Chicago's Institution for Translational Medicine (ITM). The primary goal for Loyola's deidentified OMOP-based clinical data repository is for it to support a clinical research patient cohort discovery application built by the University of Washington called "LEAF". The operational repository will be refreshed quarterly, and the LEAF application will operate in a "federated" manner allowing researchers to discover patient cohorts across participating ITM institutions (currently University of Chicago, RUSH and Loyola). This is a long-term development effort, and LEAF is expected to be fully operational in calendar year 2023.</p>			
<p>Recent Activity: 1) Continued preparations for August 2023 application "go-live". 2) Updated LEAF application to latest releases and remediated security concerns with OS patches. 3) Processed initial production data repository loads. 4) Enabled and tested federated queries with University of Chicago. 5) Completed two of four ITM LEAF training videos.</p>			
<p>Next Steps: 1) Complete two remaining LEAF application training videos. 2) Complete connectivity testing and federated querying with RUSH. 3) Application go-live in August 2023.</p>			

RESEARCH COMPUTING SERVICES, cont'd

Natural Language Processing (NLP) to Enhance Computable Phenotyping	Principle Investigator: Dr. Kathy Bobay Assigned: Ron Price	Health	
		Prior	Current
<p>Institutional Impact: Natural language processing (NLP) of clinical narratives (e.g., notes, reports, etc.) enables a broader range of electronic health record (EHR) data to be utilized in clinical research and clinical decision support (CDS) activities. Data produced from large-scale clinical NLP efforts are de-identified and can be utilized across a range of analytic processes, including traditional biostatistics, computable phenotyping and machine learning processes (e.g., AI, deep networks, traditional neural networks, convolutional neural networks, etc.).</p>			
<p>Recent Activity: 1) Continued activity on end-of-life (EOL) clinical inference rule project with results presented at an MSON DNP graduate student (H. Joelh, Dr. P. Friend) dissertation defense on June 22, 2023. 2) Continued efforts with faculty research teams (Drs. Raju and Kirk) on development of an ocular knowledge map (KM) with presentation at Ophthalmology Faculty-Alumni Day event. 3) Began a longer-term project with Dr. Jeffery Branch to develop a cNLP KM for the Urology subspecialty.</p>			
<p>Next Steps: 1) Develop a concept-value-extractor (CVE) KM for targeted ophthalmology cNLP concepts. 2) Continued support of QSB faculty on development of business data knowledge maps. 3) Continued development of a Urology KM that targets concepts relating to prostate cancer.</p>			