

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 (11) • 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 (6) • 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"> • HashMap Technology to support high-performance NLP • PCORI CAPriCORN 2020 Refresh • Observational Medical Outcomes Partnership (OMOP) Data Mapping for CTSa/ITM • Natural Language Processing (NLP) to Enhance Computable Phenotyping



“Loyola Digital Experience”

Table of Contents

Table of Contents	2
ACADEMIC AND FACULTY SUPPORT	3-4
LOCUS Enhancements (2).....	3
LDE Consumable Experience: CRM System Pilot with SLATE.....	3
Stitch School of Medicine Admissions System Replacement.....	3
Faculty Administration Re-Architecture Strategy–FARS (9).....	3
Review and Evaluate Proposed Research Administration Solutions.....	4
TAMS Evaluation and Implementation.....	4
Digital Badging Solution.....	4
ADMINISTRATIVE INITIATIVES	5-6
Compliance Governance (2).....	5
Lawson/Kronos Enhancements (5).....	5
Course and Curriculum Management (CourseLeaf).....	5
Data Governance and Integrity (4).....	5
Academic Program Plan Auto Discontinuation Process.....	5
Implement Single Conflict of Interest Platform for University.....	6
School of Education Web Based Portal & Document Repository.....	6
Budget Application System Control Totals.....	6
STUDENT TECHNOLOGY SUPPORT	7-8
EAB Navigate Phase II.....	7
LDE Student Experience Lifecycle: PeopleGrove Mentoring (11).....	7
Financial Aid Award Letter Processes – Aid Year 2023.....	7
State Immunization Module Migration-LOCUS to Health App.....	7
LOCUS iPlan Enhancements.....	8
Implementation of Mobile Check-in for Wellness.....	8
Commencement 2023.....	8
Tuition Insurance Enhancements.....	8
INFRASTRUCTURE	9
Information Security Program (6).....	9
IT Disaster Recovery (5).....	9
iParc Reader Replacement – Chip and Pin.....	9
LDE Foundation: Identity and Access Management (IAM) Enhancements.....	9
CONTINUOUS SERVICE DEVELOPMENT	10-11
Advancement CRM Replacement.....	10
LDE Transformation: Digital Assistant / Chatbots (4).....	10
LDE Consumable Experience: ITS Portal Pilot.....	10
Business Intelligence / Data Warehouse (9).....	10
Enterprise Content Management (6).....	10
Rome Center Improvements (6).....	11
Grad Student Progress System Assessment/Replacement.....	11
RESEARCH COMPUTING SERVICES	12-13
PCORI CAPriCORN 2020 Refresh.....	12
Observational Medical Outcomes Partnership (OMOP) Data Mapping for CTS/ITM.....	12
HashMap Technology to support high-performance NLP.....	12
Natural Language Processing (NLP) to Enhance Computable Phenotyping.....	13


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



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 project for restricting the data entry done by students when applying for graduation to update names and address. 2) Completed new Dewars Tuition Insurance administrator customization. 3) Finalizing requirements for new student front end for SSN data collection.			
Next Steps: 1) Continue planning of maintenance for 2023. This will include updates to the existing infrastructure supporting PeopleSoft and moving to our next version of PeopleTools. 2) Investigate the modifications needed in support of FAFSA simplification; this will likely be an extra-large project.			

LDE Consumable Experience: 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 downgraded due to challenges with timely vendor delivery of requirements, go live for Arrupe extended 1 month to April. MSON to June. 2) Data Cleansing and Data integration will be complete/on schedule for Arrupe. 3) Testing for Arrupe 75% complete and MNSON 10%. 4) MNSON Portal development underway.				
Next Steps: 1) Finalize requirements and testing for Arrupe. 2) Finalize MNSON requirements with new contract. 3) Finalize MNSON Portal requirements and integration.				

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) Held Implementation Kick-Off meeting. 2) Finalized AMP Scope doc. 3) Executed a 2 nd SOW for Historical Data Transfer to AMP. 4) Created an Implementation Project Plan including the MD/PhD program. 5) Tested TouchNet setup in a test environment.			
Next Steps: 1) Complete Phase 1 modules training/testing. 2) Prod Install development. 3) Test TouchNet in Production. 4) Phase 1 live date is July, phase 2 historical data transfer and system integrations is September.			

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) HSC data for MNSON and Parkinson uploaded to F180. 2) The Finance Team is currently in user acceptance testing for phase 2 requirements for faculty salary planning (FSP); phase 3 requirements for faculty administration are underway. 3) Current state workflows completed for UVID, SSR and Badge creation completed.			
Next Steps: 1) FSP – complete user acceptance testing sign-off and move phase 2 requirements to production in April 2) Confirm requirements for Faculty Admin phase 3 of FSP and start development in April. 3) Continue to work with HR, FA, and CAS to implement a future state solution to address the faculty onboarding process.			

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) Identified core project team members within: Sponsored Project Proposals, Award Management, Agreements, Regulatory/Compliance, CRO/Cancer Center, IRB Operations, Technology Transfer & Animal Operations/IACUC. 2) Kick-off meeting was completed, and scope approved by the executive sponsors. 3) The mapping of current state for the functional areas is in progress.			
Next Steps: 1) Continued mapping of current state process flows. 2) Gather functional needs and requirements.			
TAMS Evaluation and Implementation	Sponsor: Lorna Finnegan Project Manager: Warren Francis	Health	
		Prior	Complete
Institutional Impact: This new system will automate MNSON faculty leadership to collectively manage teaching assignments and workload and will also allow faculty to provide input on their assignment preferences.			
Recent Activity: MNSON has just closed the faculty preferences phase of the workflow and the Chairs and Associate Chairs are now planning the assignments for the entire academic year.			
Project is complete.			
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: Ongoing pilot preparation 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.			
Next Steps: 1) Team to establish Governance Committee and structure. 2) Team to identify and contact larger University partners to participate in pilot.			

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) Applied 2022 year-end payroll, financial, and HR regulatory patches to the Lawson system. 2) Modified Lawson benefit interfaces and Load Users process to handle the new employee status (LP) for Parental Leave. 3) Enabled SSL/HTTPS decryption features of our network firewalls for kronos.luc.edu.			
Next Steps: 1) Continue to enhance automated process to import WorkBright data into Lawson for newly hired employees. 2) Support Finance with business process analysis and recommendation for alternatives regarding incoming cash receipts that are not easily identified to which department they "belong". 3) Business process analysis and recommendation for alternative for recording credit cards cash receipts to the appropriate department in Lawson. 4). Migrate Lawson system to Windows Server version 2019. 5) Modify Total Compensation Statements to handle new income codes. 6) Modify payroll scripts to allow for processing by check printing vendor.			
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) 90% of Catalog pages are created and complete. Sign off expected by 3/31. 2) Migration Training complete. 3) Curriculum Management (CIM) workflow analysis underway and initial constituent meetings scheduled. <i>The course catalog via Courseleaf (CAT) was soft-launched in early April, after close of this status report.</i>			
Next Steps: 1) Catalog Go Live and communications sent for "Soft Launch". 2) Host initial CIM constituent meetings. 3) Continue CIM workflow requirements gathering and pre-work.			
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) The majority of the committee and project and committee work was paused. Data integrity for mobile phone numbers, local addresses for students, and mobile phone numbers for faculty & staff remains in progress. 2) The documenting of the institutional reporting process as part of the IPEDS reporting need for OIE became high priority in order to create quality and reliable data for the IPEDS values.			
Next Steps: 1) Deliver data and documentation for IPEDS. 2) Document and define institutional reporting data. 2) Complete phone number and email cleanup. 3) Advance the data governance program.			
Academic Program Plan Auto Discontinuation Process	Sponsor: Rita Vazquez Project Manager: Nalin Patel	Health	
		Prior	Current
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: The process of discontinuing students was developed with the department of Registration and Records in 2011 but never implemented, this project request is to implement a discontinuation process. A project kick-off meeting is scheduled with the Office of the Registrar.			
Next Steps: Provide system demo of the discontinuation process and see if we can re-deploy the current customization as it exists or if additional changes will be required.			
Compliance Governance (2)	Sponsor: Teresa Krafcisin Project Manager: Jocelyn Ong	Health	
		New	Current
Institutional Impact: Providing a portal to monitor Federal compliance and generate Risk Matrix reports will help proactively identify areas at risk or concern, minimizing potential risk exposure at an institutional level.			
Recent Activity: A list of requirements were gathered for the phase 2 project. The WebDev team verified the requirements with the project sponsor.			
Next Steps: Identify ITS resources and begin project.			

ADMINISTRATIVE INITIATIVES, cont'd

Budget Application System Control Totals	Sponsor: Alex Kormos Project Manager: Aine McDonagh	Health	
		New	Current
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 across the University.			
Recent Activity: The team participated in several meetings throughout the past couple weeks with the BAS team. Several modifications were made to the system to meet the needs of the BAS team.			
Next Steps: The BAS team is currently testing the modifications made to the system. The system will be going live by the end of April.			
Implement Single Conflict of Interest Platform for University	Sponsor: Dr. Sonny Singh Project Manager: Lydia Robertson	Health	
		Prior	Current
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: 1) Project slowed due to other more critical University priorities. 2) Future state design under review.			
Next Steps: 1) Finalize the Finance/SPA requirements in relation to future state. 2) Begin application consolidation.			
School of Education Web Based Portal & Document Repository	Sponsor: Markeda Newell Project Manager: Jocelyn Ong	Health	
		New	Current
Institutional Impact: The documents impacted in this project are required for our school district partnerships, state policy for licensure and accreditation, and the new Loyola Protection of Minors Policy. Having an organized document repository minimizes the risk of noncompliance by The School of Education and ensures Loyola can continue to provide the appropriate credentials for students to practice.			
Recent Activity: Requirements gathering has begun.			
Next Steps: Identity 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) Arrupe College – In progress; 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 initial LOAD Test; performance issues and data issues observed during load test with EAB; working with vendor to resolve.			
Next Steps: 1) Arrupe College – Complete UAT and deploy to production. 2) Regroup with Advising EAB support team to implement new photo imports interface. 3) Work with EAB to perform a second iteration of a load test for One Click Registration functionality.			

LDE Student Experience Lifecycle: PeopleGrove Mentoring (11)	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) LoyolaLinked Central Hub and Hubs for Parkinson School, Stritch School of Medicine and Social Work have been launched; Alumni Relations is leading marketing and recruitment efforts 2) School of Communication, School of Education and Graduate school began implementations in March 2023; College of Arts and Sciences implementation to be scheduled. 3) ITS partnering with Alumni Relations and PeopleGrove to develop API integration. 4) Community of Practice has been established within University; led by Alumni Relations				
Next Steps: 1) Alumni Relations is leading conversation with Law School, SCPS and School of Environmental Sustainability to determine best fit with PeopleGrove. 2) Ongoing partnership with Alumni Relations for Community of Practice and Executive Reporting.				

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 the revisions for existing Navigation Collections and addition of 2024 Aid Year. Navigation collections provide groupings of Financial Aid contents stored in the portal registry. 2) Continuous troubleshooting of any 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 28 Selective Adoption Patch which is meant to update the Dependency Status displayed when a students Estimated family Contribution is null. The patch also updates budget setup.			

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) Identified timeline. 2) Gathered requirements. 3) Identified implementation team and initiated the design.			
Next Steps: 1) Finalize future state design. 2) Develop Health App functionality. 3) Build compliance engine.			

STUDENT TECHNOLOGY SUPPORT, cont'd

Tuition Insurance Enhancements	Sponsor: John Campbell Project Manager: David Kessler	Health	
		Prior	Current
Institutional Impact: These project enhancements are needed for the purpose of improving the current customer service available to the impacted population.			
Recent Activity: The development for this project has been completed and was moved to Production on March 23. The enhancements include the ability to track history of activity/changes, a staff page for the purpose of listing all student and administrator activity/changes, tracking of how the choice to opt in or opt out was made (during registration or viewing class schedule), and add new emails to students/ parent/guests to 3Cs.			
Next Steps: Monitor and provide production support as necessary.			

LOCUS iPlan Enhancements	Sponsor: John Campbell, Tom Catania Project Manager: David Kessler	Health	
		New	Current
Institutional Impact: This effort will reduce the occurrence of manual intervention by administrators and enhance customer satisfaction.			
Recent Activity: This project request was opened to identify various iPlan optimization opportunities. 7 optimization items identified which will need to be prioritized with the sponsor for implementing.			
Next Steps: Begin determining the priority of the 7 optimization items identified. Categories of items/module updates requested: Wizard/Build, Adjust, Synch/Critical Pay, Recon, Technical, Communications, Late Pay Fees Closeout.			


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.			

Commencement 2023	Sponsor: Margaret Callahan Project Manager: Warren Francis	Health	
		New	Current
Institutional Impact: This will allow the Provost team to collect up-to-date survey responses from students and will also provide students a seamless experience in registration and availing of commencement tickets.			
Recent Activity: 1) The team successfully re-architected the application to work seamlessly with Audienceview. 2) Code and text changes were deployed to production.			
Next Steps: 1) The team will continue to monitor commencement 2023 and resolve any issues that come up.			

INFRASTRUCTURE

Information Security Program (6)	Sponsor: Jim Sibenaller Project Manager: Jim Pardonek	Health	
		Prior	Current
Institutional Impact: Continue risk mitigation and management associated with the confidentiality, integrity and availability of University protected and sensitive information.			
Recent Activity: <u>Awareness</u> – Spring FY23 training at 50% completion. New Hire training has resumed with 100% completion rates for new employees hired between August 2022 and December 2022. New video content released. Preparations underway to continue discussions with Student Development to determine best next steps to raise Student awareness <u>Compliance</u> – PCI-DSS assessment for 2023 initiated. 2023 PII remediation Program continues. <u>Risk Reduction</u> – Endpoint Detection and Response deployment underway. Server “hardening” and vulnerability management treatments continue. SSL Decryption testing in progress. Annual penetration testing deficiencies being corrected.			
Next Steps: 1) Ongoing security awareness and phishing assessments. 2) Continue server hardening and PII Program. 3) Implement Risk Assessment treatments.			

IT Disaster Recovery (5)	Sponsor: Margaret Callahan, Tom Kelly, Jim Sibenaller Project Manager: Jim Sibenaller	Health	
		Prior	Current
Institutional Impact: Timely restoration of key University technology services in the event of disaster or severe outage.			
Recent Activity: The DR program for 2023 continues to be on hold due to resource constraints. Likely start Q4 FY23.			
Next Steps: 1) Establish current state of the program. 2) Launch plan review process. 3) Test all systems/applications.			

LDE Foundation: Identity and Access Management (IAM) Enhancements	Sponsor: Jim Sibenaller Project Manager: Daniel Gethner		Health	
			Prior	Current
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.				
Recent Activity: 1) Reviewing contract and purchase orders with General Counsel, negotiation is somewhat difficult. 2) Submitted redlined contract and purchase orders to vendor. 3) Confirmed final pricing.				
Next Steps: Receive updated contract and purchase orders from vendor and complete contract negotiation.				

iParc Reader Replacement – Chip and Pin	Sponsor: Gretchen Carey Project Manager: John McGivney	Health		
		New	Current	
Institutional Impact: The replacement of iParc readers to allow for Chip and Pin processing will make payments more secure and PCI compliant.				
Recent Activity: This project has been put on hold. The business owners can no longer work with the vendor (Windcave) because they want Loyola to change payment processors. LUC uses Chase Payment Tech but Windcave is not compatible with Chase Payment Tech. Amano has stated they are moving towards another solution involving Touchnet (which can work with Chase), but 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.				
Next Steps: Restart project after compliant software is available.				

CONTINUOUS SERVICE DEVELOPMENT

Advancement CRM Replacement	Sponsor: Jim Sibenaller, Karen Paciero 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: 1) Project Planning started in December 2022 and ongoing; project charter has been finalized. 2) Data Clean Up efforts are ongoing, led by Zuri. 3) Integrations discussions are ongoing. 4) Project Discovery sessions started much later than planned. Project live date in jeopardy, alternatives being recommended by Zuri and Heller.		
Next Steps: 1) Team to continue Project Discovery with Zuri and Heller. 2) Project scope and timeline to be finalized in Q4 FY23. 3) Integrations approach and roadmap to be decided in Q4 FY23.		
LDE Transformation: 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 to IDA version 22.04. 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.		
LDE Consumable Experience: 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: 1) Project restarted, reviewing full plan with the new Solutions Architect & Server Ops manager. 2) Reviewed the demo/sample site built on Jahia platform.		
Next Steps: 1) Validate the need & revised scope of the pilot with the working group. 2) Build out a working prototype.		
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) Paused a number of projects to allocate resources in the documentation and data gathering for IPEDS reporting. 2) Completed the SSOM applications data model and Power BI solution. 3) Completed the "Harassment Prevention and Title IX Training" employee compliancy data model and report. 4) Continuing development of HR Metrics data model as guided by HR. 5) Continued with the WebFOCUS report conversion project. Working on resource options to support departments. 6) Working on a number of integrations projects such as Slate CRM for SON and Arrupe and PeopleGrove		
Next Steps: 1) Complete the HR Metrics data model. 2) Continue WebFOCUS report conversion and the Research, HSC/SSOM data consolidation projects. 3) Restart Phase 3 Learning Analytics framework/dashboard.		
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 projects: DocFinity Upgrade v12.1.3. 2) Active projects include: DocFinity server migration to Server 2022, Wellness Center – COVID19 Immunizations, School of Law document repository, adding MFA for DocFinity Authentication, Workbright/Lawson/DocFinity API, Faculty Admin Repository.		
Next Steps: 1) Obtain User Acceptance Testing sign-off on active projects. 2) Implement process to purge deleted documents regularly.		

CONTINUOUS SERVICE DEVELOPMENT, cont'd

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) Functional team signed off on current state documentation. 2) Gathered future state requirements. 3) Identified possible vendors for RFP.			
Next Steps: 1) Complete future state design for review and approval. 2) Draft RFP for functional team review and approval. 3) Send RFP to selected vendors.			

Rome Center Improvements (6)	Sponsor: Todd Waller Project Manager: Xiomara Franco, Jim Sibenaller	Health	
		New	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 Rome center staff.			
Recent Activity: 1) Met with the Rome Center, Office of the Registrar and Campus Reservations to review class scheduling options within LOCUS and 25 Live. 2) Met with Res Life director to discuss potential of bringing in the Rome Center to use Mercury 4 for the purpose of residence life management.			
Next Steps: 1) Additional meetings to define JFRC class scheduling requirements and project scope to be scheduled in April. 2) Implementation approach to be finalized for LOCUS and 25 Live. 3) Begin internal (ITS) discussions around TerraDotta current state mapping.			

RESEARCH COMPUTING SERVICES

Natural Language Processing Innovation (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 Finance Department to revise license agreement terms to reflect needs of reporting of unrelated business income taxes. 2) Initiating licensing with the University of Michigan (SOURCE Consortium) and continuing discussions with MSK and Beaumont. 3) Collaborating with Quinlan School of Business (QSB) faculty to adapt Loyola's cNLP innovations to new business data domains of job advertisements and employment agreements.</p>			
<p>Next Steps: 1) Continued work with MSK, Beaumont and SOURCE to complete execution of proposed software licenses. and 2) Conduct a full-day workshop (April 6, 2023) on cNLP for select QSB faculty and students.</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 CY2022 Q4 data repository refresh. 2) Evaluated feasibility of a multi-center pediatric COVID-19/Diabetes project (Dr. F. Weaver as PI) with Lurie Children's Hospital and CHOP. and 3) Continued participation in the National COVID Cohort Collaborative (N3C).</p>			
<p>Next Steps: 1) Complete CY2023 Q1 data refresh. 2) Continued participation in N3C. 3) Complete first data extraction for ITM 3.0 LEAF OMOP data repository.</p>			
Observational Medical Outcomes Partnership (OMOP) Data Mapping for CTSA/ITM	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) For the ITM, led a series of weekly meetings with Nick Dobbins (Leaf Developer, University of Washington) to develop "master" extract-transform-load (ETL) processes for use by all local ITM3.0 institutions. 2) Developed SQL scripts to generate the Leaf User Interface (UI) query hierarchy. and 3) Facilitated testing of local ETL processes at each institution.</p>			
<p>Next Steps: 1) Post MOU execution, plan historical deidentified data load into Loyola Leaf data repository. 2) Launch internal Loyola Leaf application. and 3) complete federation with other (University of Chicago and RUSH) ITM Leaf instances (targeting May/June 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) Performed refinements of clinical inference rule analyses for goals of care (GOC) project (MNSON PIs - Drs. P. Friend/K. Bobay, H. Joehl). 2) Developed clinical narrative corpus for ophthalmology-specific knowledge map (Drs. Bouchard and Raju – PIs). and 3) Developed clinical narrative corpus for activities of daily life (ADL) knowledge map (Dr. Bobay – PI).</p>			
<p>Next Steps: 1) Continued activity on EOL clinical inference rule project. 2) Continued efforts with faculty research teams on development of ocular and ADL knowledge map. and 3) support QSB faculty on development of business data knowledge maps.</p>			