

7/5/2017

BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM

I.2. Business and Finance Committee

Thursday, July 6, 2017
10:45 – 11:45 a.m.
Gordon Dining & Event Center
770 W. Dayton Street, 2nd Floor
Overture Room
Madison, Wisconsin

- a. Approval of the Minutes of the June 8, 2017 Meeting of the Business and Finance Committee
- b. Semi-annual Status Report on Large/Vital Information Technology Projects as required by s. 36.59(7), Wis. Stats.
[Resolution I.2.b.]
- c. UW System Contractual Agreement Extension – Fox World Travel
[Resolution I.2.c.]
- d. UW-Madison Contractual Agreement – INC Research, LLC
[Resolution I.2.d.]
- e. UW-Madison Contractual Agreement – Foremost Farms USA
[Resolution I.2.e.]
- f. Removal of Regent Policy Document 3-1, Changes to Former University of Wisconsin Law and Regulations
[Resolution I.2.f.]
- g. UW-Milwaukee Contractual Agreement – Calcigenix, LLC
[Resolution I.2.g.]
- h. Report of the Vice President(s)

UW System Information Technology
Status Report on Large/Vital
Information Technology Projects

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents approves: (1) the UW System Information Technology Status Report on Large/Vital Information Technology Projects dated July 7, 2017, which describes the implementation status of information technology projects at UW-Madison, UW-Stevens Point, UW Colleges and UW-Extension, and the UW System; and (2) UW System Administration's submittal of the report on the Board's behalf to the legislative Joint Committee on Information Policy and Technology, as required by s. 36.59(7), Wis. Stats.

**UW SYSTEM INFORMATION TECHNOLOGY STATUS REPORT
ON LARGE/VITAL INFORMATION TECHNOLOGY PROJECTS
EXECUTIVE SUMMARY**

BACKGROUND

Section 36.59, Wis. Stats., requires the Board of Regents to provide to the Joint Committee on Information Policy and Technology a specific and detailed progress report on all large (defined as costing over \$1 million) and high-risk IT projects. These reports are to be provided in March and September of each year. Regent Policy Document 25-4 specifies the format of these reports.

REQUESTED ACTION

Approval of resolution I.2.b.

DISCUSSION

Attached are the progress reports on the UW System's major information technology projects.

There are nine major projects to report including:

- Oracle/PeopleSoft Human Capital Management Application Upgrade
- Budgeting, Planning and Forecasting System
- UW-Stevens Point Implementation of Oracle PeopleSoft Campus Solutions
- Replacement of Interactive Reporting Tool
- UW Colleges | Extension Voice over Internet Protocol (VoIP) Project
- UW-Madison Voice over Internet Protocol (VoIP) Transition
- Oracle Shared Financial System Application Upgrade
- UW-Madison Canvas Transition
- UW System Digital Learning Environment

RELATED REGENT POLICIES

Regent Policy Document 25-4: Strategic Planning and Large or High Risk Projects

Project: Oracle/PeopleSoft Human Capital Management Application Upgrade

Description:

The UW Service Center (SC) provides personnel, payroll and benefits processing to the UW System institutions. The SC, along with the UW-Madison Division of Information Technology (DoIT), manages the Oracle/PeopleSoft Human Capital Management (HCM) application. The SC implemented HCM version 9.0 in 2011; the version 9.2 upgrade will be the organization's first upgrade.

Oracle/PeopleSoft's extended support for HCM version 9.0 ended in June 2015 and the application moved into sustaining support. While sustaining support provides access to Oracle technical support, it does not include new updates, fixes, security alerts, data fixes, and critical patch updates. North American Payroll Tax Updates are available to sustaining support customers from July 2015 through December 2017 at additional cost (\$50,000 per year). Hence, one of the primary drivers of the upgrade is to restore full vendor support for HCM.

In spring of 2015, the SC completed an initial upgrade planning engagement to understand the impact of version 9.2 on UW operations and the high-level resource requirements to complete the upgrade. In the fall of 2015, the SC conducted a competitive request for consulting services to support the upgrade. Sierra-Cedar was the selected consulting partner. Throughout the project duration, Sierra-Cedar and Service Center/DoIT operational staff will work jointly on the upgrade from HCM 9.0 to HCM 9.2.

The upgraded HCM 9.2 system was successfully moved into production on February 27, 2017.

Upgrade Project Goals:

- Migrate existing data, functionality, processes and reports to HCM version 9.2.
- Minimize the impact the upgrade will have on Service Center operations and end users at the UW institutions.
- Given the HCM version 9.0 support window, the Service Center seeks to implement version 9.2 using the shortest critical path possible, while maintaining the integrity of the system.

Project Scope:

- Upgrade HCM version 9.0 to HCM version 9.2
- Upgrade PeopleTools Release 8.52 to PeopleTools Release 8.54 for HCM
- Retrofit Enterprise Performance Management release 9.0/PeopleTools 8.52 for HCM release 9.2
- Maintain application functionality that is currently being used by Service Center, including modifications, interfaces, workflows, rules, reports, queries, internal controls, security roles/permission lists, batch schedules, and physical/logical environments.
- Leverage HCM 9.2 functionality to streamline, reduce, and eliminate approximately 10% of the custom development items.

- Consider new functionality if it will eliminate release 9.0 modifications, or reduce the need for any new modifications during the upgrade.
- Apply necessary technical and application updates issued by Oracle since January 2016 to complete optimization of the upgrade.

Project Schedule:

	2016												2017								
HCM 9.2 Upgrade	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Plan & Discover																					
Analyze & Design																					
Configure & Develop																					
Test																					
Train, deploy & optimize																					

Project Budget:

Total Estimated Project Budget Plan:

\$6,125,719	Consulting and remote upgrade lab services
\$ 901,036	Upgrade environments and storage
\$ 500,000	Backfill to support Service Center operations during upgrade
\$7,526,755	

Source of Funds:

UW System Administration (100%)

Project Status Dashboard: (See Appendix 1 for dashboard definitions)

Project Status Dashboard:	Green	Yellow	Red:
<u>Schedule Status:</u> Upgraded system moved into production Feb. 27, 2017. Technical and application updates are being applied.	X		
<u>Scope Status:</u> The scope objectives as described above will be met.	X		
<u>Budget Status:</u> Project expenditures are tracking as planned.	X		
<u>Other Issues (Staffing, Risks, etc.)</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	In place
Project Charter	Complete
Communication Plan	Complete
Project Plan	Complete
Project Budget	Complete
Quality Assurance Plan	Complete

Project: Budgeting, Planning and Forecasting System (BPFS)

Description:

Annual budget preparation is an essential activity for University of Wisconsin institutions and the UW System Administration offices. The operating budget reports planned expenditures based upon institutional strategic goals for all funding sources. As of today budget reporting is housed on a mainframe system. Excel-based tools are used to accumulate data and enter that data into the mainframe system, which requires significant manual effort at the institutional level. The current system does not contain non-salary expenditures at a detailed level, nor does it contain analytical tools that facilitate short or long term strategic decisions based upon expenditures, revenues, and fund balances that could assist with long term rate setting, reporting, and strategic planning.

The UW System procured Oracle's Planning and Budgeting Cloud Solution (PBCS) in late May of 2017. Once implemented, the system will facilitate informed decision-making and more efficient reporting throughout the UW System. Benefits of the new system include, but are not limited to:

- Centralized access/visibility to data from multiple sources
- More efficient and effective annual budget and reporting processes
- The capability to project, estimate actual revenues and expenditures, and monitor/manage fund balances to be incorporated into the budgeting process and for reporting purposes
- The ability to provide data in a meaningful and timely manner utilizing automated reports and templates allowing staff to focus their activities on analysis and identifying areas of interest in a pro-active way rather than taking weeks to accumulate, reconcile, and enter information from multiple sources into spreadsheets for analytical and reporting purposes
- The ability to have multiple "what-if" versions to model different budget and planning assumptions

Project Scope:

This project will implement an effective budgeting, planning and forecasting tool for the UW System institutions and the schools, colleges and administrative units within them, as well as UW System Administration. PBCS will facilitate more efficient budgeting and analysis of financial data for short-term and long-term strategic planning and analysis.

Three functional areas have been identified as within the scope for this project:

- Annual Budgeting: A prospective one year operating financial plan prepared by each institution and presented to the Board of Regents. This will include outgoing expenses, incoming revenue, and rates established to achieve budgeted revenue where applicable.
- Estimated Actuals: An update of projected outgoing expenses, incoming revenue and fund balances for the current fiscal year ending June 30th.
- Multi-year Forecasting/Strategic Financial Planning: An update of outgoing expenses, incoming revenue, fund balances, rates and other items as identified based on estimated actuals for a minimum of six years including the ability to do "what if" scenarios.

Project Timeline:

An implementation partner has not yet been chosen for the Oracle Planning and Budgeting Cloud Solution. However, an estimated timeline for a phased implementation is below. This plan assumes institutional staffing levels would not need to increase despite the implementation of a new solution. The project timeline will be monitored and alternative implementation approaches will be considered by the Executive Sponsors in an attempt to accelerate the implementation timeline wherever possible.

Calendar Year	Months	
2016	July-Dec.	Procurement Process for a new Solution Pre-Implementation Work (Chart of Accounts and Templates/Reporting)
2017	March	Finalize Pre-Implementation Work
	May	Finalize Procurement of a System
	July	Select Implementation Partner
	July-Dec.	Phase I – Annual Budgeting, Multi-year Forecasting, Estimated Actuals and Year-End Estimated Actuals - Plan, Initiate, Perform Gap Analysis, Design and begin Build of the System
2018	Jan.-Nov.	Phase I –Annual Budgeting, Multi-year Forecasting, Estimated Actuals and Year-End Estimated Actuals - Continue Build, Test, Train and Deploy Phase I for FY2020 Annual Budget Development
2018	December	Phase I- Annual Budgeting, Multi-year Forecasting, Estimated Actuals and Year-End Actuals Go-Live
2019	Jan.-July.	Support Phase I
	July-Dec.	Plan and Begin Phase II- PR Balance Reporting and Rate Setting
2020	Jan. - Dec.	Phase II-PR Balance Reporting prior to the end of FY2020
2021	Jan.-June	Finalize Phase II – PR Balance Reporting and Rate Setting
	June - Dec.	Phase III - Long-Term Strategic Planning

Project Budget:

The total project budget depends on the choice of an implementation partner. A current implementation estimate, including pre-work is \$8.15 million. Ongoing costs are being researched and will be offset by savings from decommissioning the mainframe system which is currently \$730,000 annually.

Source of Funds:

UW System Administration (100%)

Project Dashboard: (See Appendix 1 for dashboard definitions)

Project Status Dashboard:	Green	Yellow	Red
<u>Schedule Status:</u>	X		
<u>Scope Status:</u>	X		
<u>Budget Status:</u>	X		
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	Executive Sponsors Identified
Project Charter	Not Started
Communication Plan	Not Started
Project Plan	Not Started
Project Budget	Estimated
Quality Assurance Plan	Not Started

Project: UW-Stevens Point Implementation of Oracle PeopleSoft Campus Solutions

Description:

UW-Stevens Point will be engaging a project to move from a legacy student information system to the Oracle PeopleSoft Campus Solutions version 9.2. Moving to a new student information is essential to the strategic direction of UW-Stevens Point for several key reasons.

- New features are needed to enhance student success. The present system utilized by UW-Stevens Point requires additional tools to improve student retention and success such as a student planner, pre/co-requisite enforcement, and an upgraded degree progress tool.
- There is a need for improved data quality and better Business Intelligence. There is a strong institutional need for date effective historical data that will allow for improved metrics and an improved historical understanding of issues related to student success and retention.
- Diffusing business process design and management from the Information Technology Department to the business users will lead to an improvement in shared knowledge regarding the operation of the institution and thus an improvement in productivity for faculty and staff. This operational change will reduce the developer costs within the Information Technology department.

Adding the above feature sets to our legacy student information system, while possible, would consume valuable time and resources. It would also require a major overhaul of our existing database design. This also comes at a time where the key staff member for supporting the existing SIS possesses, both the business user and developer knowledge for the SIS could place the operations at risk.

Finally, UW-Stevens Point is the only UWS institution not using the Oracle PeopleSoft Campus Solutions product as a student information system. Moving to this product will enhance the operations of UWS to standardize procedures for data management for the System.

Project Scope:

The scope of this project includes the replacement of the following modules of the existing student information systems with the PeopleSoft Campus Solutions software version 9.2 from Oracle.

- Admissions (not including recruitment)
- Student Records and Enrollment
- Student Financials
- Financial Aid
- Degree Progress/Academic Advisement
- Integrations with key campus third party software systems: EMS, College Scheduler; Housing, Ellucian Recruiter. All of these integrations have been completed and are ready for go live.

Not in project scope:

- Recruitment – move to new CRM planned for FY18
- Housing – move to new system tentatively planned for FY18
- Judicial – no replacement planned. Cloud based software as a service.
- Student Organization Management – replaced in FY16, Cloud based software as a service.
- Business Intelligence (BI) – A key interdependency for this project is the implementation of a business intelligence system for the campus. We plan to utilize the Oracle OBIEE system. While that product is being built out, UWSP will replace operational reporting using Campus Solutions Query and Microsoft Power BI. Report deployments will be just in time following the go-live of modules.

A cornerstone principle of the project is to minimize customizations. This is being done to minimize the long-term costs that customizations bring to the PeopleSoft project. In addition, minimal customizations better position UW-Stevens Point for the migration to a future cloud-based student information system. The UW-Stevens Point project is designed to be a demonstration project for UW System institutions on how to accomplish an ERP project with minimal customizations.

Customizations will only be undertaken by the institution when they are needed to provide functionality that is specific to the University of Wisconsin and that cannot be provided using existing functionality within PeopleSoft. In this case, UW-Stevens Point would evaluate customizations in place at other institutions and utilize the best of breed. Customizations that are required by the business process of UW-Stevens Point would be evaluated by the business users. Should they feel it necessary to push forward with a customization, the functional area would be required to develop a business case for the customization. The Information Technology Department - Applications Development area would be responsible for documenting the initial project and long-term operational costs of the customization. This information would need to be reviewed and approved by the Project Governance Team before being sent to the Chancellor for approval.

Project Schedule:

Training for Functional and Technical Team Members	April 2016
Needs Assessment Sessions to review business processes for functional areas	May- June 2016
Finalized Project Plan including time and effort	Summer 2016
Admissions Module Live	Fall 2016
Student Enrollment Live	Spring 2017
Student Financial Aid Module Live	Spring 2017
Student Financials Module Live	Spring 2017
Degree Planning Module Live	End of Fall 2017
Project Completion	December 2017

Project Budget:

- \$3.5 million for vendor training and implementation services
- \$350,000 annual expense for server administration and database management for two years of the project, ongoing costs annually of \$250,000 thereafter
- \$25,000 for project management and business process improvement/lean training for project team members.
- \$33,000 third party integrations
- \$75,000 cost for department LTE's to backfill operational staff working on the project. Annual for two years.
- Total Project Cost Estimate: \$4,058,000

Source of Funds:

- UW System Administration: \$3.5 million provided for Highstreet Consulting costs. \$500,000 in contingency funding held at UW System Administration requiring a request by UW-Stevens Point to justify release of the additional funds. UW – Stevens Point recently requested the budgeted contingency funds. See notes for explanation.
- UW-Stevens Point will be assuming the costs for the following:
 - Project Management training/Business Process Improvement training for all ERP Project staff members \$25,000.
 - Additional Project Staffing of LTE's for Departments that are impacted by the Project: \$75,000 annually for two years.
 - Hosting of servers for the project and database administration. Estimates are presently under development from DoIT, UW-Eau Claire and UW-Stevens Point. Estimated to be between \$150 – 200k annually. This represents an increase in costs to UW-Stevens Point.
 - Third party integrations with EMS and Class Scheduler.
 - In January, the Technical Team discovered that a new faculty course evaluation system would need to be purchased as the one being used was integrated into the legacy SIS. The university is paying for the project from local dollars. The cost of this project in the first year was \$60k.
 - The Cashnet payment gateway project was completed and the cost to UW – Stevens Point was \$60k.
 - Any customizations that the institution requires but are not needed to make the software operational.

Project Dashboard: (See Appendix 1 for dashboard definitions):

Project Status Dashboard:	Green	Yellow	Red
<u>Schedule Status:</u>		X	
<u>Scope Status:</u>	X		
<u>Budget Status:</u>		X	
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	Completed
Project Charter	Completed
Communication Plan	Completed
Project Plan	Completed
Project Budget	Within budget constraints.
Quality Assurance Plan	Completed

Notes:

- The current schedule status is yellow due to a delay in conversion data that slowed the financial aid implementation. The financial aid implementation is running two weeks behind schedule due to student data conversion delays and technical hurdles that the implementation team is encountering within the new 9.2 version of Campus Solutions.
- Financial Aid packages for Summer 2017, Fall 2017 and Spring 2017 have been released as of 6/1/2017. Graduate packaging is not yet complete. Disbursement will align with the typical disbursement timeline we have used in the past beginning with the Summer 2017 disbursement.
- Because of additional technical hurdles within PeopleSoft version 9.2 related to performance and conversion of data from the legacy system, additional technical assets were required. This challenge and the need to extend some functional consultants due to the delays encountered caused the project to access the contingency funds held at UW System Administration. At present, the budget for the project includes \$3.9 million from UW System Administration which continues to be within the budget constraints.

- Customizations continue to be minimal and remain fewer than 20 at this time. Customizations to date have been due to a software deficiency, compliance with Title IX and for state level financial aid processes. A number of originally planned customizations were eliminated in favor of business process change and or using new delivered features.
- Data integration via a service hub is in place and working correctly to provide data feeds to a number of campus systems.
- The payment gateway with Cashnet is in place and working. Credit card functionality is being brought online. The Cashnet project was paid for using campus funds.
- The College Scheduler implementation is complete and is in production.
- The campus did agree to purchase a new Software as a Service faculty course evaluation system. The project is underway and is anticipated to be complete in Fall 2017.
- Over 80+ degree audits have been built. The General Education Program, which is an essential component of each degree, is in production.
- UW-Stevens Point began the enforcement of course pre-requisites this past April/May for Fall 2017 registration which will contribute to improved student retention and academic preparation. In anticipation of this effort a number of departments and colleges did a review of all pre-requisites across programs and many other departments are in the midst of a similar effort. Pre-requisite courses are being reviewed to determine their necessity and effectiveness.
- UW-Stevens Point governance committees reviewed several policies for their effectiveness and voted to make changes to course repeat, course withdrawal and satisfactory progress policies so that the Peoplesoft functionality could be effectively used to analyze retention. These policy changes moved academic advisement decisions from deans' offices to the student's advisor and the faculty member. This resulted in fewer steps and automation of several processes.
- UW-Stevens Point has deployed the full mobile functionality of the PeopleSoft Fluid interface. There were a couple of customizations to use this tool as some of the provided code was unusable.
- A data warehouse to supply reports to the campus has been developed and is being used to provide operational reports via Microsoft Reporting SQL Server. The most critical reports for Admissions and Orientation are completed and deployed. Enrollment reporting is under development.

Project: Replacement of Interactive Reporting Tool (UWBI)

Description:

The University of Wisconsin System is implementing a new Business Intelligence (BI) tool to replace the legacy, system-wide reporting tool, Oracle's Brio/Hyperion Interactive Reporting (IR). This change is necessary because the UW System's Oracle's software support contract ends April 2018. A Request For Proposals was issued and the contract was awarded to Oracle OBIEE 12c (Oracle Business Intelligence Enterprise Edition) product in December 2015. The conversion timeframe began at that time and is expected to go through April 2018 (depending on each institutions' level of engagement).

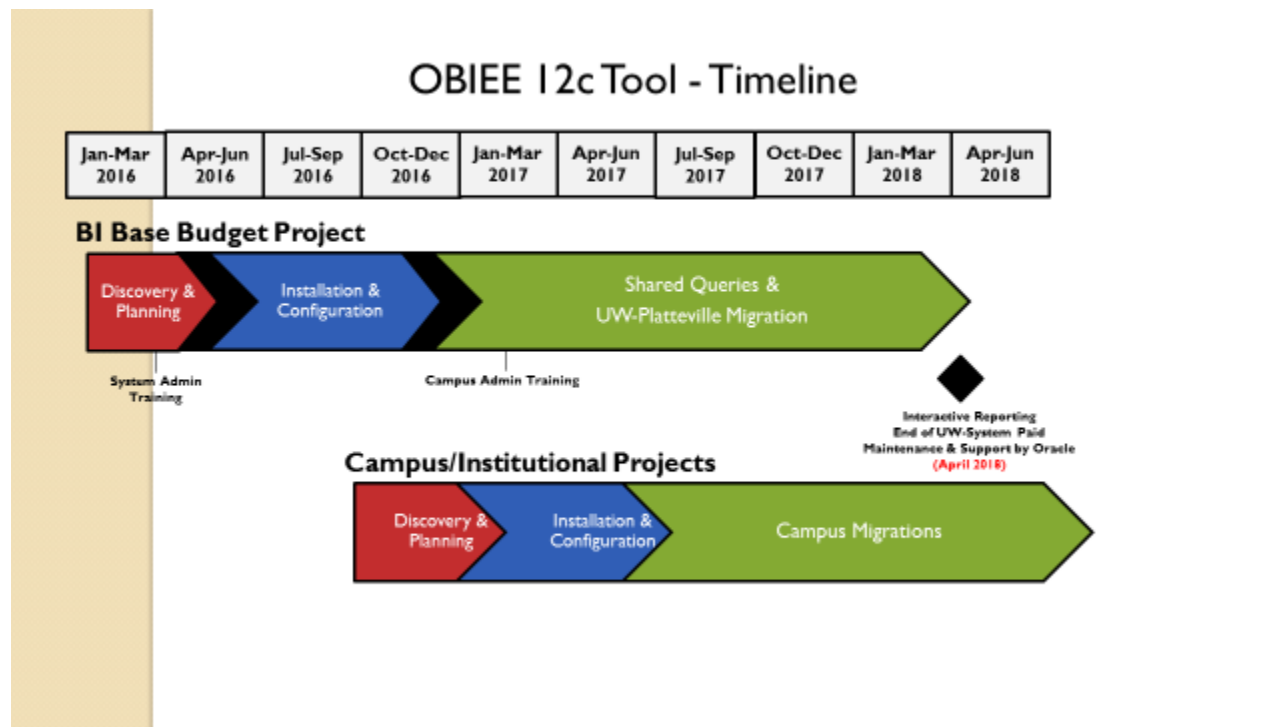
Through the Common Systems Review Group (CSRG) process, the UW System institutions are collectively funding the tool replacement, conversion of the system-wide shared queries and limited training for selected roles at each campus. Each institution is individually responsible for the assessment/conversion of queries/reports that are specific to its campus and for the training of its writers of ad hoc queries. These decisions were made by the BI Steering Committee to encourage the use of shared system-wide queries and to encourage each institution to critically assess its use of custom/unique queries. UW-Platteville recently completed this review and the result was a considerable streamlining of its processes with fewer custom queries.

Project Scope:

1. Purchase hardware for OBIEE 12c
2. Install, configure, set up security and authentication in OBIEE 12c for the 13 UW System campuses
3. Ensure that the system is configured so that dashboards/reports can be shared across all campuses
4. Migrate the Platteville OBIEE 11g instance into the UW System OBIEE 12c instance
5. Assessment of the system-wide shared queries to determine:
 - a. Which of UW-Platteville's already converted shared queries can be used
 - b. Which queries that have not been converted by UW-Platteville should be converted to OBIEE's BI Publisher using Dynasoft
 - c. Which queries remain that a dimensional data model should be developed to support
6. Create a dimensional data model for the data used by the 'Shared Queries' found in Interactive Reporting
7. Using the dimensional data models, create a metadata repository (semantic layer)
8. Create dashboards/reports using the semantic layer that serve to replace the 'Shared Queries' in Interactive Reporting
9. Train technical people supporting the system-wide shared queries, and the technical staff at the institutions that have student data queries in Interactive Reporting in:
 - a. Dimensional Modeling
 - b. Repository, Catalog, and Security Management
 - c. Analyses (criteria and reports/views), Prompts, and Dashboards
10. Train remaining Campus Administrators in the use of Repository, Catalog, and Security Management for administering the shared queries

11. Monitor readiness of the institutions that have queries related to student data to move to OBIEE

Project Schedule:



Project Budget:

UWBI - Base Budget Summary			
	FY16	FY17	FY18
Service Costs - Budget	\$ 765,100	\$ 793,371	\$ 695,438
Software Costs - Budget	\$ 325,000	\$ 337,000	\$ 136,000
Budget	\$ 1,090,100	\$ 1,130,371	\$ 831,438
Service Costs - Actual	\$ 469,616	\$ 695,438	\$ -
Software Costs - Actual	\$ 397,893	\$ 132,099	\$ -
Actual	\$ 867,509	\$ 827,537	\$ -

BI - New Initiative Budget Request		
	FY17	FY18
Consulting - Budget	\$ 800,000	\$ 800,000
Training - Budget	\$ 125,000	\$ 125,000
Total Budget	\$ 925,000	\$ 925,000
Consulting - Actual	\$ 501,115	\$ -
Training - Actual	\$ 75,100	\$ -
Actual	\$ 576,215	\$ -

Source of Funds:

Common Systems Review Group (100%)

Project Dashboard: (See Appendix 1 for dashboard definitions):

Project Status Dashboard:	Green	Yellow	Red
<u>Schedule Status:</u>		X*	
<u>Scope Status:</u>	X		
<u>Budget Status:</u>		X**	
<u>Other Issues (Staffing, Risks, etc.):</u>		X***	

Notes:

* Schedule Status – Implementation planning was assisted by Huron Consulting and extended implementation to April 2018

** Budget Status – Additional funding was allocated for the Shared Queries

*** Other Issues – Campus/Institutional resource turnover and retraining of new staff is a risk during the migration phase

Status of Planning and Documentation:

	Status
Governance structure	Completed
Project Charter	Completed
Communication Plan	Completed
Project Plan	Completed
Project Budget	BI Base Budget confirmed BI New Initiative Budget received for 2 years to support campuses; Shared Queries support
Quality Assurance Plan	In progress at campus/institutional level

Project: UW Colleges | Extension Voice over Internet Protocol (VoIP) Project

Description:

The University of Wisconsin System Administration (UWSA), University of Wisconsin Colleges and University of Wisconsin-Extension are in great need of modernizing their communications systems to meet current and future student, administration, faculty and staff needs and expectations. Because of the similarity of operations, co-location of staff and the relatively small number of phones it uses, UW System Administration is collaborating with UW Colleges and UW-Extension on this project.

An area of great concern/deficiency is the more than 15 unique telephone system implementations running on five different technology platforms supported by UW Colleges and UW-Extension. Many of these systems and platforms are in various stages of obsolescence. This project focuses on meeting the needs of the students, administration, faculty and staff who have the expectation and requirements of a modern communications system as a baseline industry service.

The current, voice-only systems are antiquated and are approaching end of life. Additionally, the systems used by UW Colleges and UW-Extension are significantly inadequate, problematic and detrimental to the daily operation of the institutions. These systems are not sustainable and provide no opportunity to integrate with new communication technologies or other business-critical services, nor do they allow UW Colleges or UW-Extension to operate as a single institution. Moving to a Voice over IP (VoIP) system will provide a single, more stable and current telecommunications platform, allow for future use of unified communication technology, and significantly improve the ability to be responsive to the increasing growth and demand of the UW Colleges campuses and UW-Extension Divisions.

Additionally, a VoIP solution will provide E911, emergency services and paging services across all UW Colleges campuses, which are currently unavailable to some of them. VoIP is the commodity technology for enterprise voice communication and will be used as a strategic technology foundation to build upon.

Strategic Business Drivers for the Project:

- **Replace Aging Systems**
 - More than 15 unique aging telephone systems are currently used across the UW System, UW Colleges, and UW-Extension. Most of these systems have, or soon will, reach their end of life and no longer meet the needs of students, administration, faculty and staff. Some of these systems are so old they can no longer be supported and if they were to fail, it is questionable if they could be fixed.
- **Improve Emergency Notification**
 - Improving the emergency notification functionality and capabilities throughout the UW System has taken on increased importance with the dangerous incidents that have been occurring around the country. The UW campuses are just as vulnerable to these types of attacks and must have the tools in place to respond when a situation on campus occurs. The objective is to add E911 functionality that will allow emergency responders to pinpoint the location of the emergency on campus to enhance response times and management of emergencies.

- Unified Communications & Functionality Modernization
 - Some of the UW Colleges campuses do not have voice mail systems of their own and rely on county services to provide this service. Many of the UW Colleges campuses and some of the UW-Extension offices use telephone systems that cannot be integrated with their e-mails systems. UW Colleges and UW-Extension would like to provide equal functionality to all of its locations and a single location for messages by delivering voice mail messages to the end-user's e-mail box if they so choose. Additionally, the use of a single unified communications system will increase collaboration across the institution(s). Lastly, the solution must offer call center management functionality and integrate with the Salesforce CRM used by CEOEL.

Overall the objectives are: to implement a single, unified telecommunications solution; improve emergency communications and responsiveness by providing E911 and emergency services; provide modern telecommunications functionality and services to UW System, UW Colleges Campuses and UW- Extension Divisions; and implement a communications technology platform that positions UW System, UW Colleges and UW-Extension for future growth.

Project Scope:

For the past several years, UW Colleges campuses and some UW-Extension divisions have expressed concern about their aging phone systems. Beginning in 2014 and going through early 2016, an assessment and information gathering exercise was conducted to ascertain the status of the multiple phone systems. The assessment confirmed the concerns expressed by the campuses and divisions and uncovered other phone systems that were approaching obsolescence. Additionally, the consolidation of services resulting from the FY15-FY17 budget cuts highlighted the staffing challenges associated with providing telephone support across the UW Colleges. Also during this time, AT&T announced that the Centrex phone system used by many of the state institutions would not be supported after 2020 and last year DOA renegotiated the AT&T contract, which resulted in a cost increase for Centrex lines.

The completion of the UW Colleges Campus Network Infrastructure Project (CNIP) in December 2016 addressed concerns identified prior to 2014 regarding the ability of UW Colleges campus networks to support future network requirements. In anticipation of the network improvements associated with the CNIP project, planning began for implementation of a VoIP solution to replace the aging phone systems through UW Colleges and UW-Extension and to unite both institutions under one phone system, thus reducing support and long distance costs. UW System requested to be included in the VoIP project because many of the UW System offices are located in the same buildings as UW Colleges in the Madison area. UW Colleges, UW-Extension and UW System approved the project in November 2016.

Project Timeline:

December 2016 - July 2018

Project Budget:

\$2,719,598

Project ROI:

- UW System – 2 years, 2 months
- UW Colleges – 5 years, 1 month
- UW-Extension – 1 year, 9 months
- Overall – 2 years, 9 months

Source of Funds:

UW System (12%)

UW Colleges (53%)

UW-Extension (35%)

Although initial capital is required at the beginning of the project, the project will ultimately pay for itself from the savings realized through lower ongoing operating costs as reflected in the ROI above.

Project Dashboard: (See Appendix 1 for dashboard definitions)

Project Status Dashboard:	Green	Yellow	Red
Schedule Status	X		
Scope Status	X		
Budget Status	X		
Other Issues (Staffing, Risks, etc.)	X		

Status of Planning and Documentation:

	Status
Governance Structure	Completed
Project Charter	Completed
Communication Plan	In Progress
Project Plan	Completed
Project Budget	Completed
Quality Assurance Plan	Completed

Project: UW-Madison Voice over Internet Protocol (VoIP) Transition

Description: _

UW-Madison is transitioning from its long-standing voice (telephone) services technology (known as Centrex) to a new telephone and voice system. AT&T is in the process of retiring Centrex services and updated and cost-effective Voice over Internet Protocol (VoIP) are available in the market.

After carefully considering vendor proposals, UW-Madison executives selected the Cisco VoIP product. VoIP uses a combination of the campus network, the global internet system, and traditional telephone company access to the Public Switched Telephone Network (PSTN) to place and receive local and long distance calls.

This initiative supports the UW-Madison 2015-2019 Strategic Framework (<https://chancellor.wisc.edu/strategicplan2/index.html>) in the major area of *Resource Stewardship*. The project specifically addresses a major goal articulated in the framework: “Transform library structures and technologies to best support research and learning, and to attain campus efficiencies.”

Project Scope:

- The current project scope is focused on replacing existing voice and voicemail services.
- “Unified Communications” solutions are currently out of scope although the implementation is being architected for future improvements in communication and collaboration capabilities.

Project Timeline:

Early adopters are currently transitioning to the VoIP solution. It will take 12–18 months to migrate the entire campus from Centrex to Cisco. The end of June 2018 is the target completion date.

- The project began in September 2016. In February 2017, project activities focused on infrastructure design, procurement, installation and testing.
- From March 2017 till the end of June 2017, approximately 1,000 early adopters in 12 units across campus will migrate to Cisco VoIP.
- From May 2017 through the end of June 2018, all remaining units will migrate, completing the process.

Detailed progress can be found at: <https://voip.it.wisc.edu/timeline-schedule/>

Project Budget:

	Project
Hardware	\$2,104,000
Licensing	\$4,000,000
Consulting	\$435,000
TOTAL	\$6,539,000

Source of Funds:

\$4,000,000 funded by a Morgridge Foundation Grant. The remaining \$2,539,000 project cost will be funded by savings from Centrex charges currently paid by units and divisions. Labor needed to implement VoIP is part of DoIT's (Division of Information Technology) telephony services operating budget.

Project Status Dashboard:			
VoIP Transition Website: https://voip.it.wisc.edu/	Green	Yellow	Red
<u>Schedule Status:</u> Schedule can be impacted by vendor's ability to port numbers in a timely fashion and the availability of DoIT and local IT staff.		X	
<u>Scope Status:</u>	X		
<u>Budget Status:</u>	X		
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	In place
Project Charter	Multiple sub-charters in place
Communication Plan	In place
Project Plan	In place
Project Budget	Approved
Quality Assurance Plan	Progress being tracked

Project: Oracle Shared Financial System Application Upgrade

Description:

The UW System wide Shared Financial System (SFS) is currently using version 9.1 of Oracle's PeopleSoft Financial Management software. Oracle-PeopleSoft is moving from a bundled release strategy (e.g. 9.0, 9.1, and 9.2) to a rolling update model where new features, updates, and fixes are released in small bundles that are applied as needed. SFS is upgrading to Oracle's terminal bundled release (9.2) in order to switch to the rolling update model and to stay within Oracle support windows. Extended support for our current version will end in January 2018.

The Shared Financial System (SFS) consists of General Ledger, Accounts Payable, Purchasing, Asset Management, Cash Management, Grants, Project Costing, Accounts Receivable and Billing, Cost Share, Effort Reporting and E-Reimbursement (Travel). In addition SFS staff and the UW-Madison Division of Information Technology staff support connectivity between SFA and the Human Resources System (HRS) (including interfaces for payroll, person data, and tax and vendor information) and bolt on applications such as salary cost transfer, and query reporting tools. All institutions in the UW System currently use SFS and will benefit from the upgrade. Version 9.2 of PeopleSoft will provide an improved user experience that fundamentally changes how people interact with PeopleSoft. This improved experience can increase efficiency and drive greater adoption by providing a more intuitive, easy-to-use interface that incorporates the consumer internet experience. There are currently over 21,000 people using SFS systemwide.

The upgrade project will improve the existing PeopleSoft system through the incorporation of newly delivered functionality. It will also encompass a full review of existing customizations, with a focus on replacing the customizations with delivered functionality, or eliminating them if possible.

This project is critical for SFS to maintain vendor support (e.g. receive security patches) and protect the UW System's investment.

The planned timeline for this upgrade is nineteen months. This includes three months for planning, fifteen months for the main project and one month of post 'go live' support. Our anticipated "go live" date is October 2018. UW System Administration conducted a competitive request for consulting services to support the upgrade. Sierra-Cedar was selected as the consulting partner.

This project aligns with the following Common System priorities:

- SFS/HRS expanded functionality
- Initiatives that closely align with [2020FWD strategic framework](#)
 - Operational and Administrative Excellence – The UW system will continue to create operational efficiencies by standardizing, consolidating and streamlining non-instructional operations.

Project Scope:

Scope and broad project goals:

- Upgrade Financials Release 9.1 to Financials Release 9.2.
- Upgrade PeopleTools Release 8.55 to a new version.
- Leverage new 9.2 functionality to streamline, reduce, and eliminate some custom development items.
- Implement new functionality such as user interface, dashboards, and mobile capabilities.
- Complete the upgrade within the specified time and budget, protecting the confidentiality of all data residing in SFS PeopleSoft applications.

Project Schedule:

Project commencement date May 15th 2017

SFS Proposed Upgrade	2017												2018											
Timeline	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
Pre-Upgrade Projects/8.55 PT Upgrade																								
Planning - including new functionality																								
Fit-Gap																								
Design																								
Development																								
Test																								
Documentation																								
Training																								
Deploy and post implementation																								
Other Major Milestones																								
Calendar Year End																								
8.55 peopleTools upgrade																								
Fiscal Year End																								
Release 9.1 Extended Support Ends																								

Project Budget:

Professional Services	\$ 6,413,476
Internal Labor Costs	\$ 595,360
Infrastructure Costs	\$ 904,392
Total Budget	\$ 7,913,228

Source of Funds:

UW System Administration (100%)

Project Dashboard: (See Appendix 1 for dashboard definitions):

Project Status Dashboard:	Green	Yellow	Red
<u>Schedule Status:</u>	X		
<u>Scope Status:</u>	X		
<u>Budget Status:</u>	X		
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	Complete
Project Charter	In Progress
Communication Plan	In Progress
Project Plan	In Progress
Project Budget	Completed
Quality Assurance Plan	In Progress

Project: UW-Madison Canvas Transition

Description:

UW-Madison is transitioning to the Canvas learning management system (LMS) over the next two years (FY17 and FY18). The plan is to adopt Canvas as the single, centrally supported LMS, and to discontinue campus support for Desire2Learn (D2L) and Moodle by 2018. Canvas is a cloud-based, learning management system (LMS) that is currently used by hundreds of colleges and universities, and features intuitive instructional workflows, improved collaboration and the ability to integrate with many external tools. Canvas provides a number of enhanced learning capabilities, many of which have been praised by the faculty, instructional staff and students.

This initiative supports the UW-Madison 2015-2019 Strategic Framework (<https://chancellor.wisc.edu/strategicplan2/index.html>) in two major areas: *Educational Experience* and *Resource Stewardship*. The project specifically addresses two major goals articulated in the framework: “Improve learning outcomes, including reducing time to graduation, for all students” and “Transform library structures and technologies to best support research and learning, and to attain campus efficiencies.”

Project Scope:

- All UW-Madison credit and non-credit course offerings are in scope.
- All other UW System campus credit and non-credit courses (currently using Desire2Learn) are out of scope.

Project Timeline:

Canvas Usage			
Spring 2017 Term as of 04/21/17			
Active/Published Courses	Unique Instructors	Unique Students	% Courses in Canvas
1,155	1,699	27,199	35%

Project Budget*:

	FY17	FY18	TOTAL
Hardware	\$0	\$103,000	\$103,000
Licensing	\$518,000	\$547,000	\$1,065,000
Staff	\$787,000	\$1,764,000	\$2,551,000
TOTAL	\$1,305,000	\$2,414,000	\$3,719,000

*Note: The project budget does not include the cost of converting non-credit courses which is currently being determined.

Source of Funds:

Central Campus Funds (100%)

Project Dashboard: (See Appendix 1 for dashboard definitions):

Project Status Dashboard:	Green	Yellow	Red
Canvas Transition Website: https://canvasinfo.wisc.edu/			
<u>Schedule Status:</u>	X		
<u>Scope Status:</u>	X		
<u>Budget Status:</u> Note: Cost of converting non-credit courses being determined.	X		
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	In place
Project Charter	Multiple sub-charters in place
Communication Plan	In place
Project Plan	In place
Project Budget	Approved
Quality Assurance Plan	Progress being tracked

Project: Digital Learning Environment

Description:

The contract with Desire2Learn (D2L) for the Brightspace learning management system (LMS) is set to expire June 30, 2020. The Request for Proposal process for a new Digital Learning Environment (DLE) has not yet completed the selection of a winning vendor. Planning is underway to ensure a smooth transition to the next learning environment and to support 2020FWD priorities by ensuring systemwide consistency with institutional flexibility to increase student success across all institutions. The implementation will be complete by June 30, 2020. Note: UW-Madison previously selected Canvas as the basis of its DLE.

Project Scope:

While still in draft form, the initial project scope includes the following:

1. Implement and configure the DLE to support the goal of a pedagogy first strategy. The fixed/flexible framework will be used to meet the most important requirements from the RFP process with a learner-centered focus. The DLE will support universal design and accessibility.
2. Identify stakeholders and create communication plan to engage with constituent groups throughout the project.
3. Define and utilize project governance at the UW System executive sponsor level and at each institution. Transition the governance structure at the end of the project for ongoing oversight.
4. Develop a collaborative project environment to leverage the strengths and best practices from each institution and the vendor during the implementation process to reduce redundancies.
5. Create training, testing and support plans for administrators, faculty, staff and students that meet the needs of the transition and are transferable to ongoing support.
6. Design and implement integrations with other applications that are aligned with the fixed/flexible decisions to create consistency while allowing institutions to access their own data and to set up new integrations that support instructional priorities.
7. Define and execute a migration plan at each institution. This will include course migrations, course redesign, instructor professional development, student training and support.

Project Schedule:

Milestone	Date
Project Start	July 1, 2017
Stakeholder analysis completed	August 1, 2017
Institution current-state inventory completed	August 1, 2017

Project, communication, risk/issues, scope, schedule, cost, quality, human resources, procurement and stakeholder management plan completed	September 1, 2017
Vendor contract approved by Board of Regents	October 9, 2017
Fixed/Flexible framework approved	November 1, 2017
Project scope approved	November 1, 2017
DLE available for initial UWS configuration	November 1, 2017
DLE available for institutional configuration	December 1, 2017
Campus project plans approved	December 1, 2017
Course migration for Fall 2018 underway	February 2018
Authentication developed	March 2018
Integration between the DLE and the Student Information Systems developed	April 2018
System testing completed at institutions	April 2018
Training developed	June 2018
Integration and user testing at institutions completed	June 2018
First courses go live	September 2018
Data warehouse available	June 2019
Archive and retirement of on-premise D2L systems and processes	May 2020
Project complete	June 2020

Project Budget:

Depending upon which products are selected through the RFP process, the total and line item costs of conversion and implementation could vary widely. The following budget estimates have been submitted to the UW Common Systems Review Group (CSRG.) These estimates are highly speculative and are based on a combination of potential scenarios and assumptions, which is why details are not shown for fiscal years FY 19 through FY 22.

Summary Estimated Budget:

	FY18 (approved)	FY19 (projected)	FY20 (projected)	FY21 (projected)	FY22 (projected)	Annual Recurring Cost Est.
Service Costs						
UWS Salary and Fringes	\$960,000	\$160,000	\$80,000			239,700
DoIT Salary and Fringes	\$199,500					
Professional Services	\$739,500	\$739,500				
Training and S&E	\$5,000	\$5,000	\$5,000			
Non-labor Infrastructure						
subtotal	1,904,000	904,500	85,000	-	-	239,700
SOFTWARE COSTS						
New License	\$1,582,000	\$1,655,060	\$1,729,544			1,961,972
New Maintenance						
subtotal	1,582,000	1,655,060	1,729,544	-	-	1,961,972
Initiative Total:	3,486,000	2,559,560	1,814,544	-	-	2,201,672

* During fiscal years FY 21 and beyond, the current D2L environment that is run at UW-Madison would be phased out, so there would be savings to offset some or all of the ongoing operational costs of the new Learning Environment.

Source of Funds:

Common Systems Review Group (CSRG) and UW System Administration

Project Dashboard: (See Appendix 1 for dashboard definitions):

Project Status Dashboard:	Green	Yellow	Red
<u>Schedule Status:</u>	X		
<u>Scope Status:</u>	X		
<u>Budget Status:</u>	X		
<u>Other Issues (Staffing, Risks, etc.):</u>	X		

Status of Planning and Documentation:

	Status
Governance Structure	In Process. James Henderson, Vice President of Academic and Student Affairs, and Rob Cramer, Vice President of Administration are Co-Sponsors of this project
Project Charter	In Process
Communication Plan	Communication plan will be developed with the support of the UW System Office of University Relations
Project Plan	In Process
Project Budget	Estimated project budget proposal submitted to the Common Systems Review Group (see above)
Quality Assurance Plan	In Process

Appendix 1: Project Dashboard Definitions:

Project Status Category Descriptions
Schedule Status (refers to target implementation date of phase or project) Green – Indicates that the project or phase will be completed on target or on the planned date. Yellow – Indicates that the project or phase <u>may be falling behind</u> and work needs to be done to determine if the project can recover and still complete on the scheduled date or if adjustments must be made to the schedule date. Red – Indicates that the project or critical tasks <u>have fallen behind</u> schedule and corrective action must be taken to make the scheduled date or the scheduled date must change.
Scope Status Green – We have not changed the scope in any way that will keep the implementation from meeting the objectives planned for the project. Yellow – The scope of the project has increased. Budget and implementation date are impacted by < 10%. Or the scope of the project has decreased but objectives are not substantially impacted. Red – The scope of the project is under review and changes are being requested that will mean the implementation will not meet the project objectives in some substantial way or doing them later will increase cost 10% or more above the original total cost of the project approved by the sponsors.
Budget Status Green – Currently on target with project budget. Yellow – Project is over budget by 10 – 25%. Red – Project is over budget by 25% or more.
Other Issues (Staffing, Risks, etc.) Green – No staffing, Risks, or other issues/concerns exist. Yellow – Staffing concerns/issues exist that need to be monitored and possible adjustments made. Key staff departing. One or more risks or other issues may be surfacing which need to be monitored and contingency plans developed. Red – Staffing concerns/issues exist and will impact project schedule, budget, deliverables, risks, etc. Key staff lost. One or more risks or other issues have surfaced and will have an impact on budget, deliverables, staffing, scope, and/or schedule. Corrective action must be taken or contingency plans executed.

UW System Contractual Agreement Extension
with Fox World Travel

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents approves a one-year contract extension with Fox World Travel for travel-related services through June 30, 2019.

UW SYSTEM CONTRACTUAL AGREEMENT EXTENSION WITH FOX WORLD TRAVEL

EXECUTIVE SUMMARY

BACKGROUND

Fox World Travel was awarded the UW System's Travel Management Services and Corporate Self Booking tool contract in August 2013 through a competitive Request for Proposal (RFP) process.

The contract was awarded for a three year period with two optional one-year extension periods. The Travel Management Office and the Office of Procurement are seeking to add a one-year option period from July 1, 2018 until June 30, 2019, to the contract. This would allow time to incorporate changes to the Travel Program and into the new RFP.

UW System Administration recently started implementing a regionalized travel management program with UW institutions and is working through the initial rollout. The new service model needs to be tested and incorporated into the RFP so proposing suppliers understand the new service delivery model for the UW System. Additionally, the current state budget proposal includes statutory changes to lodging. If these proposed changes move forward, the UW System needs time to determine how to incorporate the change into the travel program and into the RFP.

Due to the complexity of the travel program, a long conversion period of 6-9 months needs to be built into the RFP timeline in case the award is made to a new supplier. This proposed extension would help ensure a smooth transition to a new contract effective July 1, 2019.

REQUESTED ACTION

Approval of Resolution I.2.c.

DISCUSSION

The UW System seeks approval to add a one-year option period to Contract #13-2542 to allow the UW System to extend the current contract to June 30, 2019. The additional option period would be subject to the same terms and conditions of the existing contract. The anticipated revenue to Fox World Travel, based on the current rates in the contract, is estimated at \$1.2 million based on anticipated bookings in the travel program.

RELATED REGENT POLICIES

Regent Policy Document 13-1: General Contract Authority, Approval, and Reporting.

UW-Madison Contractual Agreement
with INC Research, LLC

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Board of Regents approves the five-year contractual agreement, expected to run from July 2017 through July 2022, between the Board of Regents of the University of Wisconsin System, doing business as UW-Madison, and INC Research, LLC.

**UW-MADISON CONTRACTUAL AGREEMENT
WITH INC RESEARCH, LLC.**

EXECUTIVE SUMMARY

BACKGROUND

UW System Board of Regents policy requires any grant or contract with private profit-making organizations in excess of \$1,000,000 to be presented to the Board for formal approval prior to execution.

REQUESTED ACTION

Adoption of Resolution I.2.d., approving the contractual agreement between the Board of Regents and INC Research, LLC.

DISCUSSION AND RECOMMENDATIONS

The Office of Industrial Partnerships at the University of Wisconsin-Madison has negotiated a Master Vendor Services Agreement with INC Research, LLC (“INC”). The services will be provided by the Fundus Photograph Reading Center under the direction of Dr. Barbara Blodi, and include the provision of services for INC associated with the conduct of certain clinical studies. The services will be conducted over a period of five years from the date of last signature of the agreement. There is no funding associated with the MSA. Instead, funding will be tied to the individual Work Orders processed under the terms of the MSA. The overall value of services provided during the term of the MSA is expected to exceed \$1,000,000.

RELATED REGENT POLICIES

Regent Policy Document 13-1, General Contract Signature Authority, Approval, and Reporting

UW-Madison
Reciprocal Milk Supply Agreement
Foremost Farms USA

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the Chancellor of the University of Wisconsin-Madison and the President of the University of Wisconsin System, the Board of Regents approves the five-year contractual agreement, to run from August 1, 2017 through July 31, 2022, between the University of Wisconsin-Madison and Foremost Farms USA.

UW-MADISON CONTRACTUAL AGREEMENT WITH FOREMOST FARMS USA

EXECUTIVE SUMMARY

BACKGROUND

UW System Board of Regents policy requires any grant or contract with private profit-making organizations in excess of \$1,000,000 to be presented to the Board for formal approval prior to execution.

REQUESTED ACTION

Adoption of Resolution I.2.e., approving the contractual agreement between the Board of Regents and Foremost Farms USA.

DISCUSSION

UW-Madison's College of Agricultural and Life Sciences has multiple dairy herd locations (with approximately 1050 milking cows) with combined milk production that generally exceeds the needs of the Babcock Dairy Plant. The milk is used for research and instructional purposes by multiple departments, schools and colleges. On some days, the production is lower than needed, which creates a short-term demand requiring milk to be purchased from another producer. Overall on an annual basis however, the oversupply of milk can be sold at a current estimated value of \$5,100,000. These revenues are for sales of excess milk at regulated prices set by the monthly Federal Milk Marketing Orders, which use a classified pricing system administered by the USDA.

The University has been contracting with Foremost Farms, a Wisconsin Cooperative, since the 1990's for the purchase of daily shortages and sale of excess milk. The current contract expires July 31, 2017.

Contract highlights include:

- Timely pick-ups from multiple herd locations
- Delivered milk quality standards
- Price adjustments for butterfat, protein and other solids
- ~\$400,000 annual purchases from Foremost Farms by the University (expenditures)
- ~\$5,500,000 annual sales to Foremost Farms from the University (revenues)
- A term of five years

Net revenue from the sale of milk is applied to the College of Agricultural and Life Sciences budget to help support the ongoing needs of the University Dairy Herds in caring for the animals, conducting research and educating students in its programs.

Babcock Dairy Plant:

The Babcock Dairy Plant provides hands-on operational education, experience, and research to provide industry-leading concepts and methods for making ice cream, cheese, and pasteurized milk, equipping UW students and faculty and food industry professionals with cutting-edge knowledge and techniques that provide a competitive advantage in today's fast-paced food-science environment.

Through the dairy plant's partnership with the Department of Food Science and the Center for Dairy Research, food science students, faculty, and industry professionals are able to create, conduct, and implement research to pioneer methods of producing and using dairy ingredients. This research leads to higher quality and innovative products, as well as valuable knowledge for the food and dairy industries.

UW Food Science students and faculty learn through application with the experience they receive in the Babcock Dairy Plant. In addition, we provide international food processing industry researchers with the facilities and expertise required to create healthy, high quality, cost-effective products.

The Dairy Herd:

The herd is housed in the University's Integrated Dairy Facilities (IDF). The IDF includes the on-campus Dairy Cattle Center (84 milking cows), Emmons Blaine Dairy Cattle Research Center at Arlington (490 milking cows, 80 young calves and 80 dry cows) and the Marshfield Agricultural Research Station / USDA-ARS Institute for Environmentally Integrated Dairy Management (128 milking cows and 475 growing heifers).

The herd ensures that Dairy Science and Veterinary Medical students have access to quality dairy education and research opportunities. The herd provides students in both programs with hands-on experience in an on-farm milking herd environment. By working with the herd, students gain first-hand knowledge of livestock handling, computerized dairy records, everyday dairy management, and animal production.

Facts and Figures:

- March 2017 Rolling Herd Average 754 Cows
- 30424 Lbs. Milk, 3.69% Fat, 1130 Lbs. Fat, 3.03% Protein, 917 Lbs. Protein
- Maintain a Herd of: Milking Cows – 700, Dry Cows – 80, Heifers – 475 and Calves – 80

The Dairy Forage Research Center:

The Dairy Forage Research Center is a cooperative effort between the U.S. Department of Agriculture, the University of Wisconsin-Madison, and other land grant universities. It focuses on problems that are national in scope and that limit effective and efficient use of forage for milk production. It coordinates multidisciplinary research involving engineers, microbiologists, chemists and plant and animal scientists at locations in five states. The research is directed toward increasing yields and quality of forage grown and harvested, reducing losses associated

with harvesting, storage and feeding, and maximizing use of forage nutrients by the dairy cow for milk production.

Facts and Figures:

- March 2017 Rolling Herd Average 408 cows
- 29237 Lbs. Milk, 3.75%Fat, 1096 Lbs. Fat, 3.01%Protein, 881 Lbs. Protein
- Maintain a Herd of: Milking Cows - 355, Dry cows - 50, Heifers - 275 and Calves - 55

RELATED REGENT POLICIES

Regent Policy Document 13-1: General Contract Authority, Approval, and Reporting.

Removal of Regent Policy Document 3-1,
“Changes to Former University of
Wisconsin Laws and Regulations”

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the President of the University of Wisconsin System, the Board of Regents authorizes the Executive Director and Corporate Secretary of the Board of Regents to remove Regent Policy Document 3-1, “Changes to Former University of Wisconsin Laws and Regulations,” from the Regent Policy Documents because it is obsolete.

**OFFICE OF THE BOARD OF REGENTS
REVIEW OF REGENT POLICY DOCUMENT 3-1**

BACKGROUND

The UW System Board of Regents' policies are codified in Regent Policy Documents (RPDs) that have been adopted over time, some dating back to the creation of the UW System. The Board has adopted these policies under the authority granted in Chapter 36, Wis. Stats. The RPDs address a wide array of subjects, including academic policies and programs, contracts, student activities, and trust and investment policies.

Since 2011, the Office of the Board of Regents and UW System Administration have been working to review and update the RPDs. As part of this review process, the Board of Regents adopted a set of standards and protocols to direct the analysis of the RPDs. These standards include consideration of the extent to which a policy: addresses the UW System as a whole, establishing a fundamental principle as a basis and guide for later action; serves as an enduring statement rather than responding to a short term issue; addresses institutional risks, promotes operational efficiency, or enhances the missions of the UW System or UW institutions; and promotes compliance with applicable laws and regulations.

At its July 2017 meeting, the Business and Finance Committee will be asked to consider rescinding RPD 3-1 because it reflects a time-specific purpose that no longer applies.

REQUESTED ACTION

Adoption of Resolution I.2.f., authorizing the Executive Director and Corporate Secretary of the Board of Regents to remove from the Regent Policy Documents RPD 3-1, "Changes to Former University of Wisconsin Laws and Regulations."

DISCUSSION

Regent Policy Document 3-1, "Changes to Former University of Wisconsin Laws and Regulations" (attached), was adopted in 1972 and was based on a document entitled "Laws and Regulations Governing the University of Wisconsin." This document appears to have been a compilation of policies and procedures established to govern the former University of Wisconsin before merger. The Laws and Regulations covered a wide range of subjects, such as bylaws of the Board of Regents (that is, the bylaws of the Board of the pre-merger University of Wisconsin); university business offices; civil service; athletics; organization and administration of student affairs; management of university finances; and administration of libraries, press, and residence halls.

While the University of Wisconsin and the Wisconsin State Universities were being merged and before the merger was complete, the pre-merger University of Wisconsin institutions adopted institutional policies and procedures under these Laws and Regulations and submitted amendments to the Board for approval. The Board adopted Resolution 107, later codified as RPD 3-1, in March 1972, so that the Board would no longer need to approve changes to the institutional policies and procedures that were comparable to the Laws and Regulations.

RPD 3-1 has not been amended since its adoption; and it appears that the Laws and Regulations referenced in RPD 3-1 essentially became unnecessary after full implementation of the merger in 1974. Subjects covered in the Laws and Regulations that were still relevant were incorporated into Chapter 36, Wis. Stats.; administrative rules; other RPDs, or various System Administration policies. As one example, references to faculty and academic staff in chapters II, IV and V of the Laws and Regulations were later included in Chapters UWS 2 to 7, Wis. Admin. Code (faculty) and UWS 8 to 13, Wis. Admin. Code (academic staff).

Removal of RPD 3-1 from the Board of Regents policies will have no consequences and will represent further updating of the body of policies.

RELATED LAWS AND REGENT POLICIES

Chapter 36, Wis. Stats.
Wisconsin Administrative Code
Regent Policy Documents

ATTACHMENT

Regent Policy Document 3-1 (*formerly Regent Policy Document 72-3*)

CHANGES TO FORMER UNIVERSITY OF WISCONSIN LAWS AND REGULATIONS

All changes to the Laws and Regulations of the University of Wisconsin comparable to the present Laws and Regulations shall be referred to the System Administration for approval, and an updated list of such Laws and Regulations shall be kept on file for use by the Board as it desires.

History: Res. 107 adopted 3/10/72.

UW-Milwaukee Contractual Agreement
With CalciGenix, LLC

BUSINESS AND FINANCE COMMITTEE

Resolution:

That, upon the recommendation of the Chancellor of the University of Wisconsin-Milwaukee and the President of the University of Wisconsin System, the Board of Regents approves the contractual agreement between the University of Wisconsin-Milwaukee and CalciGenix, LLC to run from July 1, 2017 through October 15, 2017.

**UW-MILWAUKEE CONTRACTUAL AGREEMENT
WITH CALCIGENIX, LLC**

EXECUTIVE SUMMARY

BACKGROUND

UW Board of Regents policy requires any grant or contract with private profit-making organizations in excess of \$1,000,000 to be presented to the Board for formal approval prior to execution.

REQUESTED ACTION

Approval of Resolution I.2.g.

DISCUSSION

The College of Letters and Science and the Office of Sponsored Programs at the University of Wisconsin-Milwaukee (UWM) has negotiated a three-year Sponsored Research Agreement with CalciGenix, LLC (a subsidiary of Quincy Bioscience Holding Company).

Under this agreement, UWM is evaluating a novel therapy involving administration of the calcium binding protein apoaequorin and its ability to protect neurons in the brain and ameliorate aging-related cognitive decline. It is anticipated that the results of this project will impact stroke treatments as well as aging-related neurodegenerative disorders. The services will be provided over a three-year period ending June 30, 2020. Revenues to UWM associated with such services are \$540,000.

The pilot work for this project was funded through a \$150,000 Agreement in 2013. UWM then entered into a three-year agreement for a similar scope of work as described above in the amount of \$504,000. This Agreement recently ended on June 30, 2017. UWM received Regent's approval for the \$504,000 contract as, at the time, Board policy required approval for contracts with a private entity in excess of \$500,000. Taken together, total anticipated cumulative funds from CalciGenix to UWM on these related projects through 2020 are \$1,194,000. Ownership of any intellectual property created or developed under this agreement is governed by applicable US patent law and UWM retains the right to use and/or publish the results of the research. The work is being overseen by Dr. James Moyer in the College of Letters and Science.

RELATED REGENT POLICIES

Regent Policy Document 13-1: General Contract Authority, Approval, and Reporting.