Implementing PeopleSoft Grants in Phases; A Case Study

Session #20159

Interact 2022

Session Overview

TUHS needed to move their grants including labor distribution from a third-party system to PeopleSoft in order to improve the efficiency of financial consolidation and reporting, reduce reliance on third party systems, and bring research data into a centralized location. After evaluating several approaches and solutions, TUHS decided to implement PeopleSoft Grants Management and Labor Distribution/Effort Reporting in phases. Come learn about their implementation steps, phased approach benefits, as well as lessons learned.

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Presenters

Robert Blauth
Lead ERP Programmer
Temple University
Health System

Stuart Guy
Senior Consultant
SpearMC
Consulting

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Agenda

- Introductions
- Survey
- Options considered for implementing grants in PeopleSoft
- Grants at TUHS
- Implementation lessons learned
- Labor Distribution and Effort Reporting Solution
- Q&A

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Survey

- How are you managing grants in PeopleSoft today?
  - Utilizing the full Grants Management Suite of modules
  - Utilizing the Grants Management modules but not the full functionality
  - Utilizing Project ID only to track grants
  - Utilizing another ChartField to track grant (e.g. Dept ID)
  - We are aren't tracking grants in PeopleSoft

About TUHS

- Temple Health is a major Philadelphia-based academic health system that is driving medical advances through clinical innovation, pioneering research and world-class education.
- The health system's 1,550+ physicians and scientists share a common mission of bringing tomorrow's treatments to the bedside today, helping them achieve outcomes once thought impossible.

- PeopleSoft HCM and FSCM
- FSCM modules include: GL, AP/PO, INV, AM, GM, PC, CA, BI, AR, KK
- PeopleTools 8.56, 9.2 PUM Image 20

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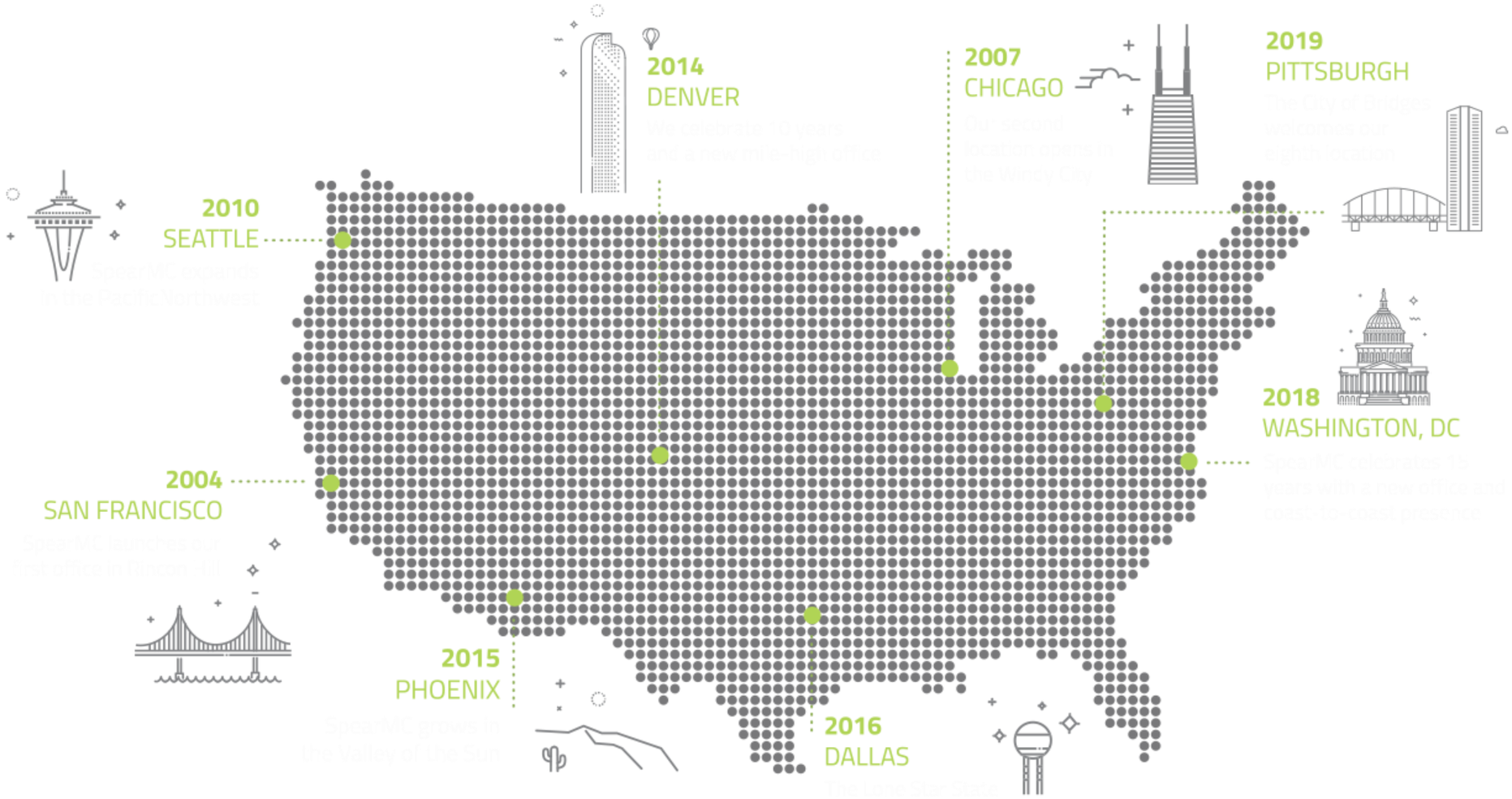
Coast-to-coast Coverage



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Gartner recognized. Oracle specialized.

SpearMC is the sole featured PeopleSoft vendor in the latest 2021 Gartner Market Guide for Oracle Professional Services. We invested heavily into PeopleSoft several years ago and went “all in” with our leading approach to Oracle Cloud Infrastructure.

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- PeopleSoft FSCM, HCM, SCM, Lease Administration
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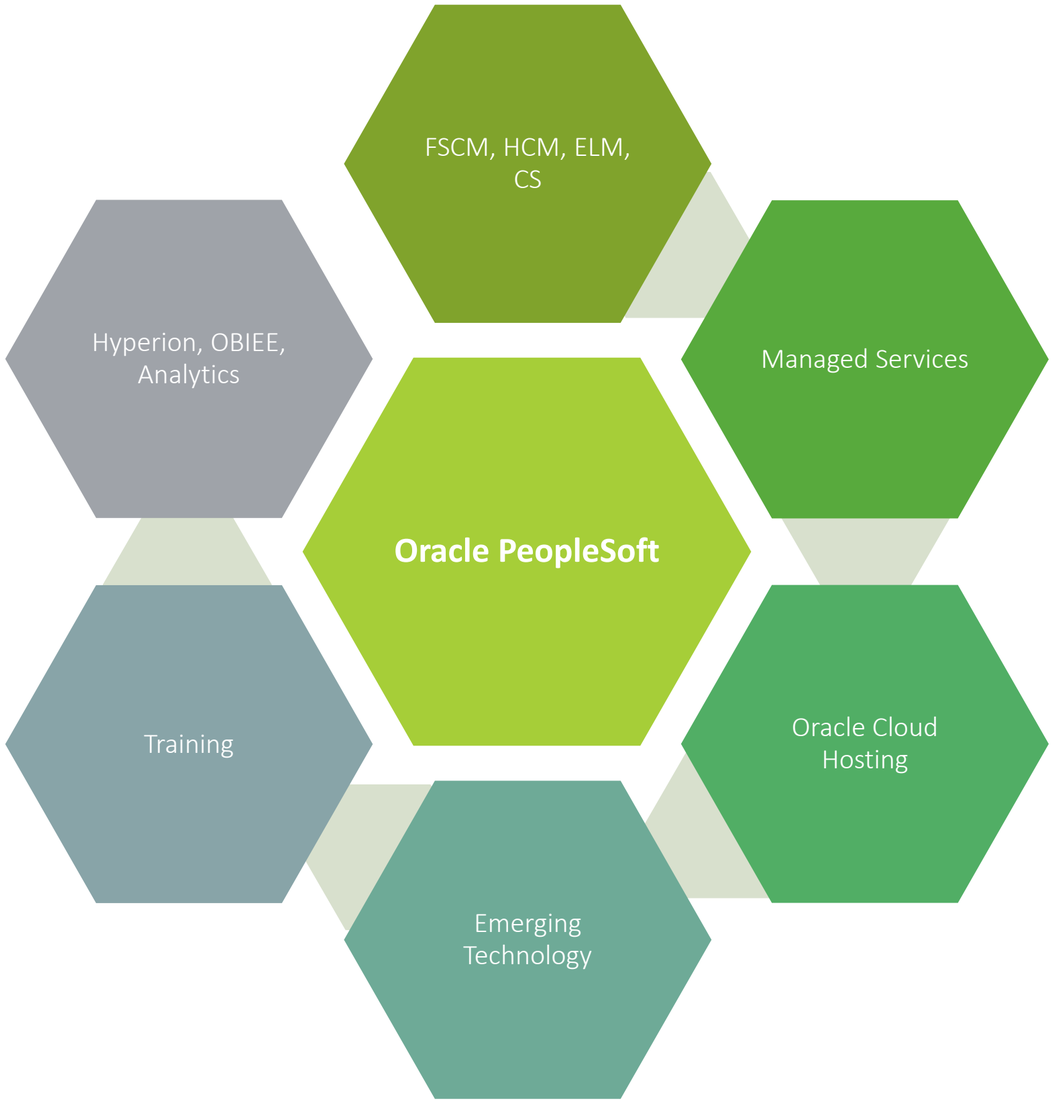
- PeopleSoft PUM Update and Testing as a Service
- Oracle EPM Cloud & Hyperion
- Oracle Business Intelligence

Our Services



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Options for Grants in PS

Option	A: PC and KK Only (Project Costing and Commitment Control)	B: Big Bang Grants Management (Grants, Project Costing, Contracts, Commitment Control, Billing, and Accounts Receivable)	C: 2 Phase GM Roll Out (Grants, Project Costing, Contracts, Commitment Control, and required configuration only for Billing & AR)
Pros	• Less modules to license	• Full grant functionality available at go-live • Testing could include all end to end processing	• Faster timeline to go-live • Less new functionality for TUHS grants team to learn • Grants team will be more familiar with PeopleSoft when implementing Billing and AR • Creates shell contract for Phase 2, minimal conversion required for Phase 2
Cons	• Unable to utilize delivered fields to store grant demographic information, would need to utilize many user fields, supplemental data, etc. to try and fit requirements • Unable to use grants indirect overhead process (pricing could be used but less robust functionality for overhead) • Unable to take advantage of Award milestone functionality or other delivered grants reporting features	• More modules to license • Longer timeline to go-live • Users (who were not familiar with PeopleSoft) would need to learn even more modules	• More modules to license • May have some rework during Phase 2 when implementing the Billing and AR processing and reporting • Billing and Revenue would continue to be manual until Phase 2

Options for Grants in PS

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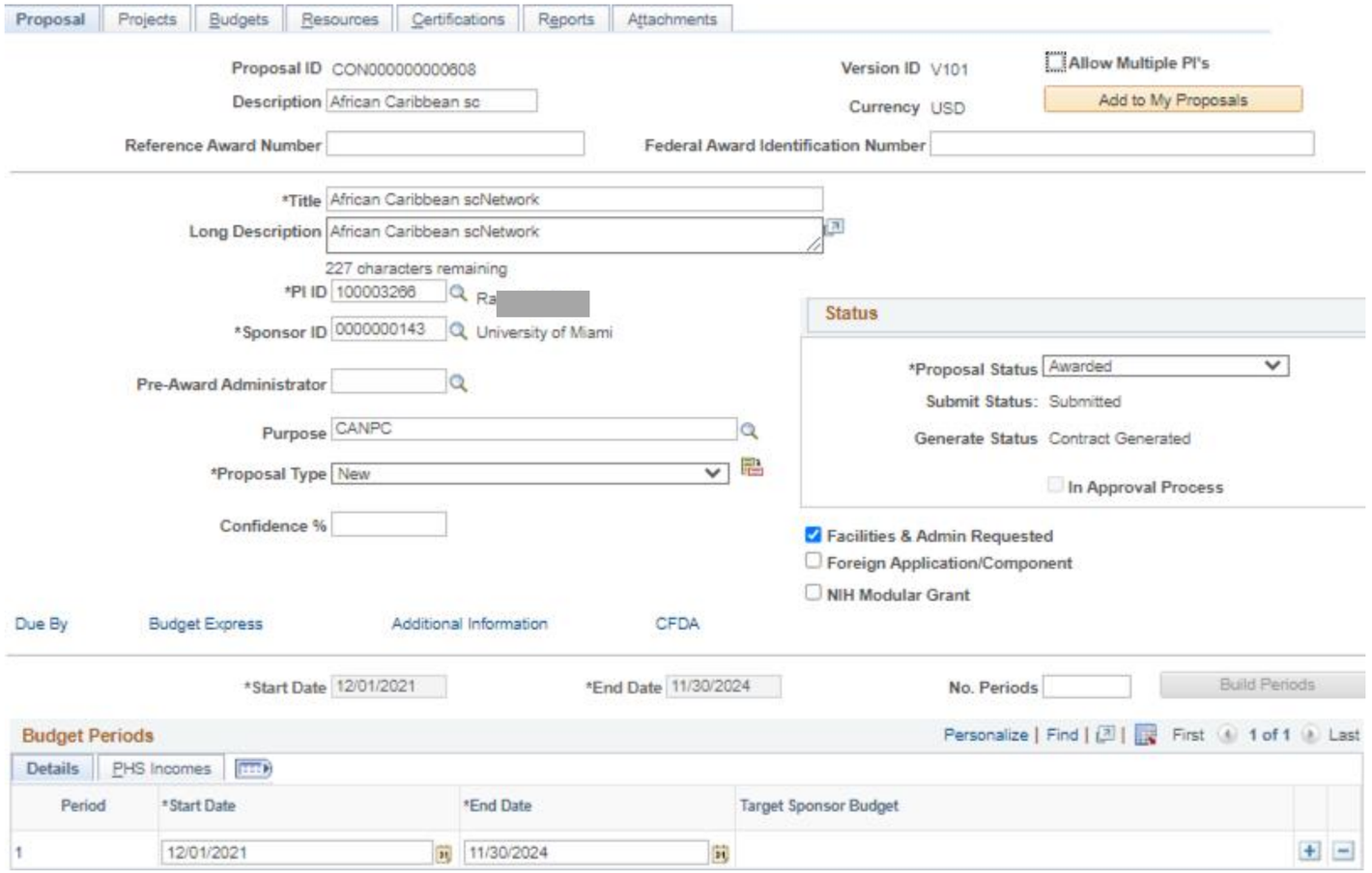
Chose Option C - implement Grants Management in 2 Phases:

Phase 1:
GM, PC, CA, KK – full functionality
BI and AR – configuration only

Phase 2:
Add full Billing, Revenue, and AR processing

Grants at TUHS

- Proposals manually entered after they are awarded
- Budget Period of 1 is used regardless of the number of periods



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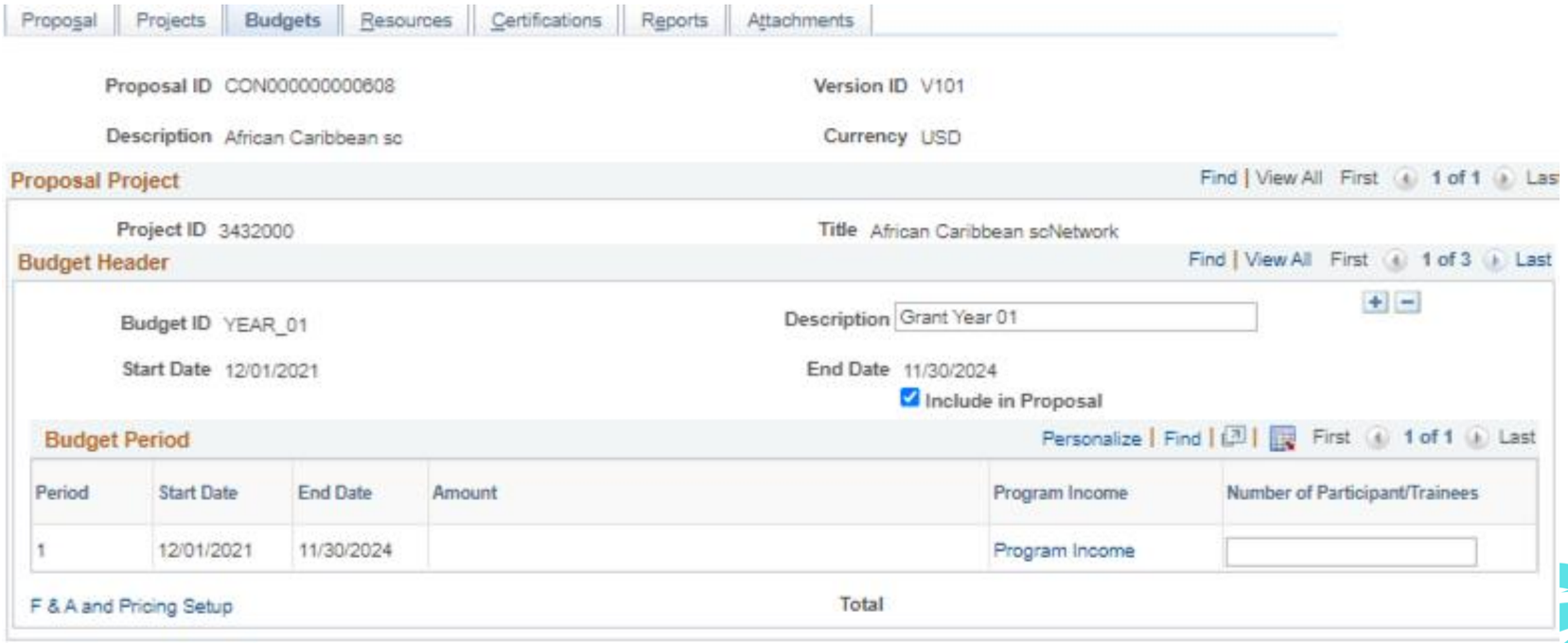
Grants at TUHS

- Activity ID = Grant Year
- No Budget entered on the Proposal



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Grants at TUHS

- Budget is uploaded in post award using Excel to CI

Award | Funding | Resources | Certifications | Terms | Milestones | Key Words | Funding Inquiry

Award ID CON000000000608
Reference Award Number OS00000917
Award PI Ragin,Camille

Award Title African Caribbean scNetwork
Currency USD
Primary Project PI Ragin,Camille

Total Award Amount 12,616.00

Funding Info Find | View All First 1 of 1 Last

Project 3432000 African Caribbean scNetwork **Project PI** Ragin,Camille

Detail Personalize | Find | First 1 of 1 Last

Period	*Start Date	*End Date	Funded Amount	To Project ID	Budget Posting Status	PC Distribution Status
1	12/01/2021	11/30/2024	12,616.00	3432000	Posted	Distributed

Budget Detail

Project 3432000 African Caribbean scNetwork
Budget Period 1 **Begin Date** 12/01/2021 **End Date** 11/30/2024 Finalize Process Monitor

Project Budget Summary

Cost Share Direct $0.00 **Currency** USD **Total Budget** $12,616.00
Sponsor Budget $12,616.00 **Security Status** None

Budget Amounts for Period Personalize | Find | View All | First 1-3 of 3 Last

General | Project Detail | General Ledger Detail | Commitment Control Detail | Grants Detail

Account	Department	Affiliate	Fund Code	Activity	Analysis Type	GL Business Unit	Amount	USL Project	Budget Item
716000	4113900		00	YEAR_01	BUD	67200	9,605.00		
792612	4113900		00	YEAR_01	BUD	67200	1,365.00		
792990	4113900		00	YEAR_01	BUD	67200	1,646.00		

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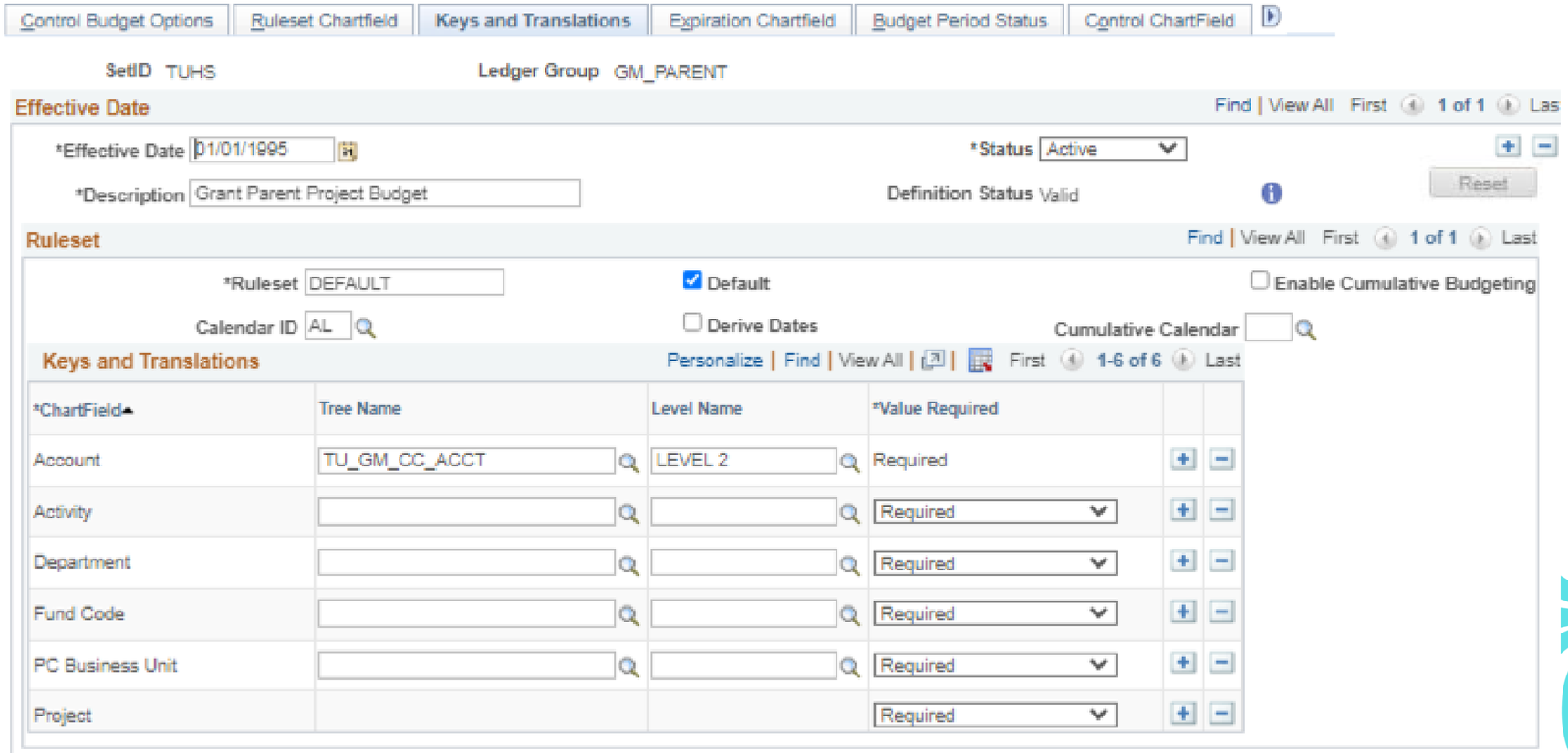
Grants at TUHS

- Commitment Control Child = Project/Activity/GL Account level – Track Only
- Commitment Control Parent = Project/Activity/Summary Account level – Track with Budget



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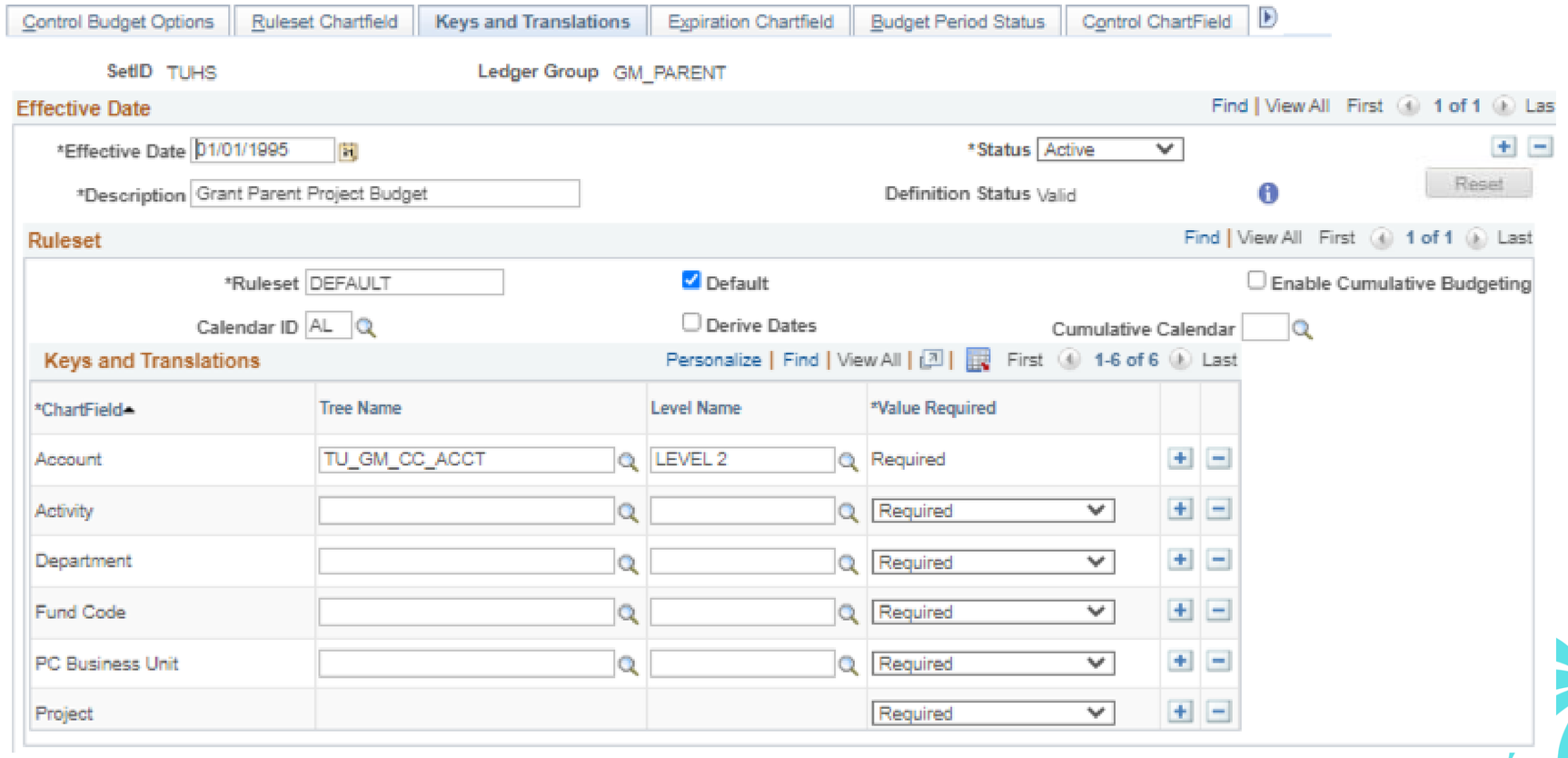
Grants at TUHS

- Commitment Control Calendar only has one Budget Period



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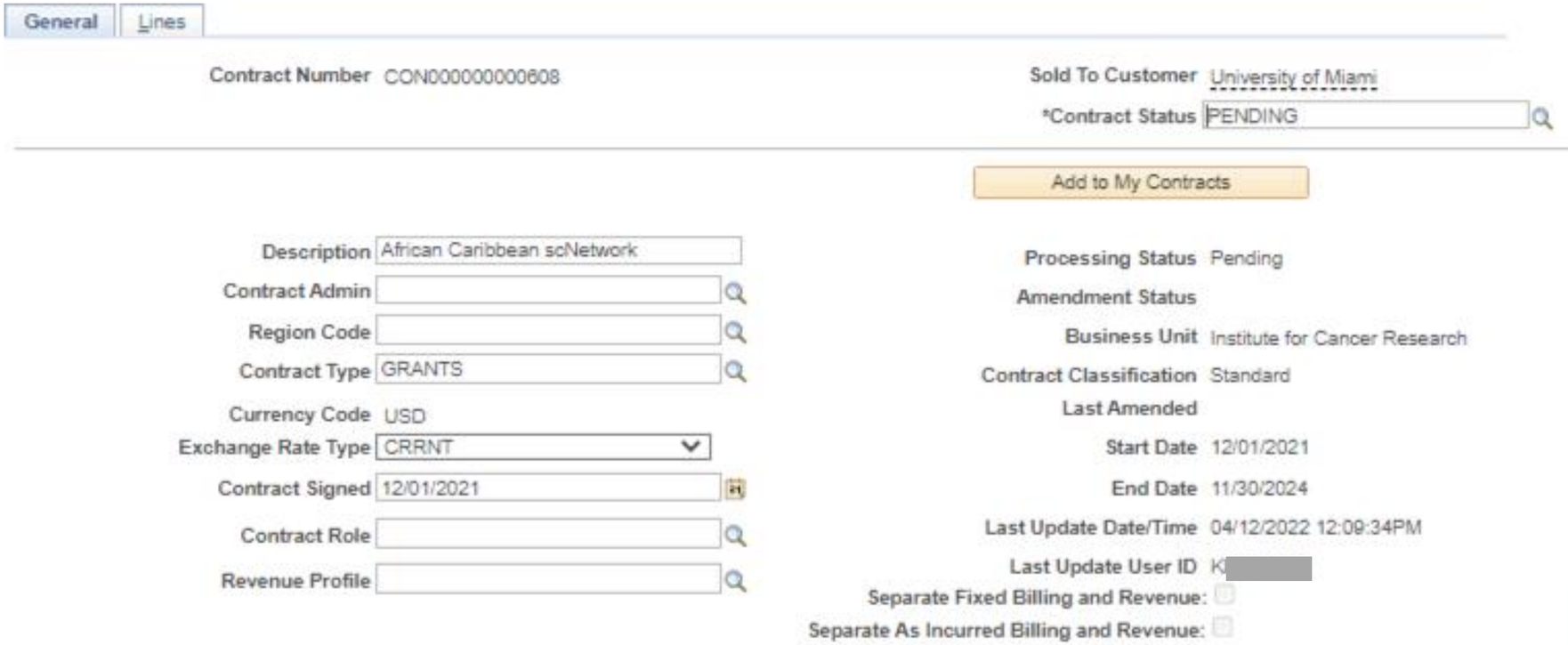
Grants at TUHS

- Contracts are in Pending Status until Phase 2



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Grants at TUHS

- BI Publisher Grant Report example

Report

Department:
Project: 2271100
Activity: YEAR_03
Budgetary Account:
Project Type:

Report Run Date: 2022-05-19 15:46 PM
Report Starting Date: 2022-04-01
Report Ending Date: 2022-04-30
Project Processing Status:
Activity Processing Status:

Fox Chase Cancer Center
Grant Expenditure Report

Cost Center	Object	Description	Grant Budget	Charges for Period	Charges Since Start of Grant	Unexpended Budget Balance	Outstanding Obligations	Available Budget Balance
Grant:	**2271100 University of**				**Corporation:**	**Institute for Cancer Research**		
Grant Period:	**YEAR_03 (2022-03-01 - 2023-02-28)**				**Principal Investigator:**			
Ref Awd#:	**R01 CA22**							
4237100	**Wasik Mariusz**							
	716000	Physician-Faculty	9,965.00	4,088.97	6,814.95	3,150.05	0.00	3,150.05
	716010	Research Professionals	31,196.00	4,725.00	7,875.00	23,321.00	0.00	23,321.00
	721010	Albumin and Plasma	0.00	0.00	0.00	0.00	0.00	0.00
	721066	Laboratory Supplies	12,043.00	6,747.21	17,840.31	(5,797.31)	9,969.93	(15,767.24)
	723806	FBS-Genotyping-Real time PCR	10,000.00	0.00	0.00	10,000.00	0.00	10,000.00
	723810	FBS-Glasswashing	0.00	4.00	4.00	(4.00)	0.00	(4.00)
	723825	FBS-Cell Culture	0.00	220.56	521.61	(521.61)	0.00	(521.61)
	723826	FBS-Cell Sorter	0.00	0.00	80.00	(80.00)	0.00	(80.00)
	723848	FBS-Immunotherapy	1,300.00	0.00	0.00	1,300.00	0.00	1,300.00
	792022	Accrl Salary Expense	0.00	(2,518.28)	0.00	0.00	0.00	0.00
	792080	Accrl Employee Benefits	0.00	(727.99)	0.00	0.00	0.00	0.00
	792612	Fringe Benefit Allc-DHHS Basis	11,116.99	2,547.96	4,246.60	6,870.39	0.00	6,870.39
	792990	Overhead	65,790.00	13,126.10	32,522.82	33,267.18	0.00	33,267.18
		Cost Center Totals:	**141,410.99**	**28,213.53**	**69,905.29**	**71,505.70**	**9,969.93**	**61,535.77**

Grants at TUHS

- BI Publisher Grant Report example

Report_

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Activity Processing Status:

Fox Chase Cancer Center
Grant Expenditure Report

Cost Center	Object	Description	Grant Budget	Charges for Period	Charges Since Start of Grant	Unexpended Budget Balance	Outstanding Obligations	Available Budget Balance
		Grant Summary:						
		Direct Expenses:	75,620.99	15,087.43	37,382.47	38,238.52	9,969.93	28,268.59
		Subcontractors:	0.00	0.00	0.00	0.00	0.00	0.00
		Patient Care:	0.00	0.00	0.00	0.00	0.00	0.00
		Equipment:	0.00	0.00	0.00	0.00	0.00	0.00
		Overhead:	65,790.00	13,126.10	32,522.82	33,267.18	0.00	33,267.18
		Report Total:	141,410.99	28,213.53	69,905.29	71,505.70	9,969.93	61,535.77
		Cash Receipts:			0.00			
		Total Expenses:			69,905.29			
		Cash Balance:			-69,905.29			

Grants at TUHS

- BI Publisher Grant Report example

Report Parameters

Department:		Report Run Date:	2022-05-19 15:46 PM
Project:	2271100	Report Starting Date:	2022-04-01
Activity:	YEAR_03	Report Ending Date:	2022-04-30
Budgetary		Project Processing Status:	
Account:			
Project Type:		Activity Processing Status:	

Fox Chase Cancer Center
Grant Expenditure Report

Grant Expenditure Summary

Grant No. Description	*Grant Period*	*Grant Budget*	*Charges For Period*	*Charges Since Start of Grant*	*Unexpended Budget Balance*	*Outstanding Obligations*	*Available Budget Balance*
2271100 UNIV OF[redacted]	2022-03-01 to 2023-02-28	141,410.99	28,213.53	69,905.29	71,505.70	9,969.93	61,535.77
	Grand Total:	**141,410.99**	**28,213.53**	**69,905.29**	**71,505.70**	**9,969.93**	**61,535.77**

— End of Report —

Lessons Learned

- Ran into many errors after running ChartField configurator to add new Project Costing ChartFields
  - Solution was updating indexes on specific tables
- When turning on KK, all transactions will need to go through budget checking. Also, reqs and purchase orders sourced to a PO/Voucher will reference the prior transaction's budget checking information
  - TUHS implemented an enhancement to automatically set certain transactions to "V" budget checking status
- The Business Unit GL on a transaction is the Business Unit used to find the F&A Rules (related to Project allowing multiple GL Bus to charge a project)
  - Multiple Grants Business Unit F&A

Lessons Learned

- Reporting needed to be in a format that was both concise and detailed
  - Solution was leverage trees created for Commitment Control and drill-down functionality
- Need to control the spending of certain departments while keeping the overall Project as tracking with budget
  - Used Budget Attributes to prevent overspending by ChartFields
- Due to certain reporting requirements, budget needed to be loaded at detail level
  - Excel to CI Budget Load incorporated into Grant setup business process

LCD and Effort Reporting

PeopleSoft extension providing the ability to perform:

- Labor Cost Distribution and Effort Certification
- Effort Commitments
- Total Professional Effort Planning
- Redistributions and benefits calculation features and capabilities
- Workflow
- Dashboard reporting

Built in 100% PeopleTools

- 100% Custom Objects – minimal impacts by upgrades/images
- Highly Configurable
- Extendable within defined design conventions

LCD and Effort Reporting

- Comprised of 3 Modules
  - LCD / Certified
  - Committed
  - Workload Planning

TUHS is using the LCD/Certified module

LCD and Effort Reporting

LCD / Certification

- Closes Gaps in delivered PeopleSoft HCM functionality for Research Accounting
- Create Labor Accounting Distributions for future payrolls
- Redistribute Labor Accounting for historic payrolls
- Manage Benefit Allocations to follow payroll
- Manage Committed and Over the Salary Cap Cost Share Requirements

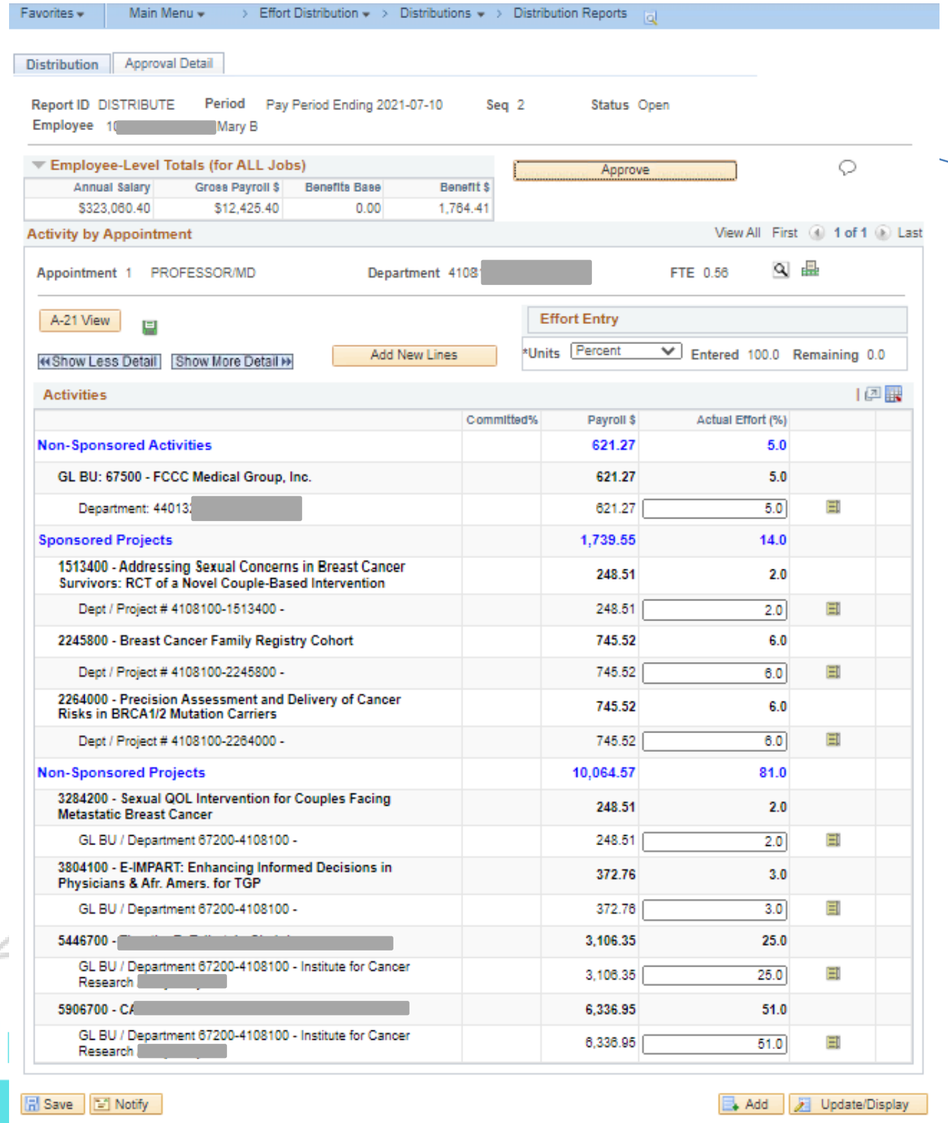
Committed Effort

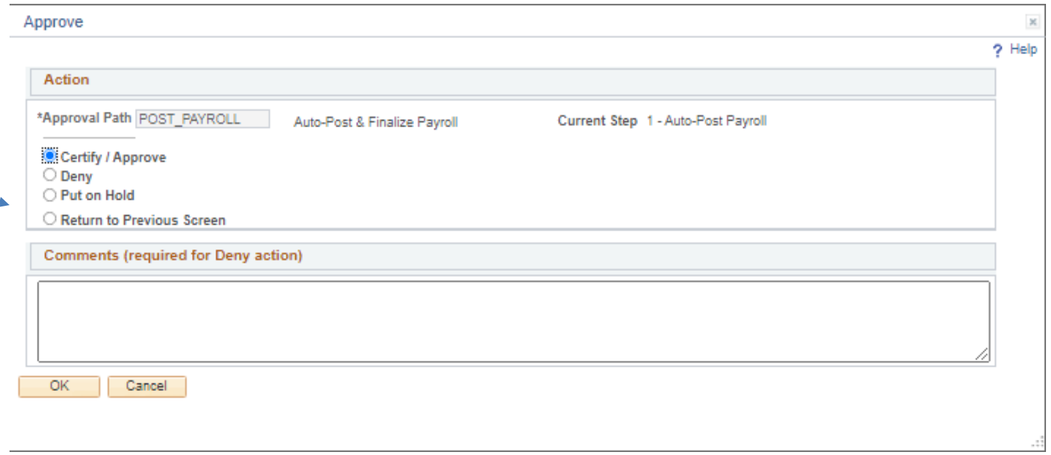
- Tracks commitments of individuals over the lifetime of a sponsored project
- Allows for effort devoted to a sponsored program to "ebb and flow" from one semester to the next as long as the overall commitment to the sponsor is met
- Ensures that employees are not overcommitted across all sponsored programs at any point in time - allowing for greater visibility into current and pending commitments
- Manage Committed and Over the Salary Cap Cost Share Requirements

Total Workload Planning

- Tracks total professional commitments for research and non-research employment obligations over time
- Used to capture proposed effort, pending awards, course detail, "protected time", etc.
- Fully integrated with Committed module data
- Includes 100% of an employee's time

LCD and Effort Reporting

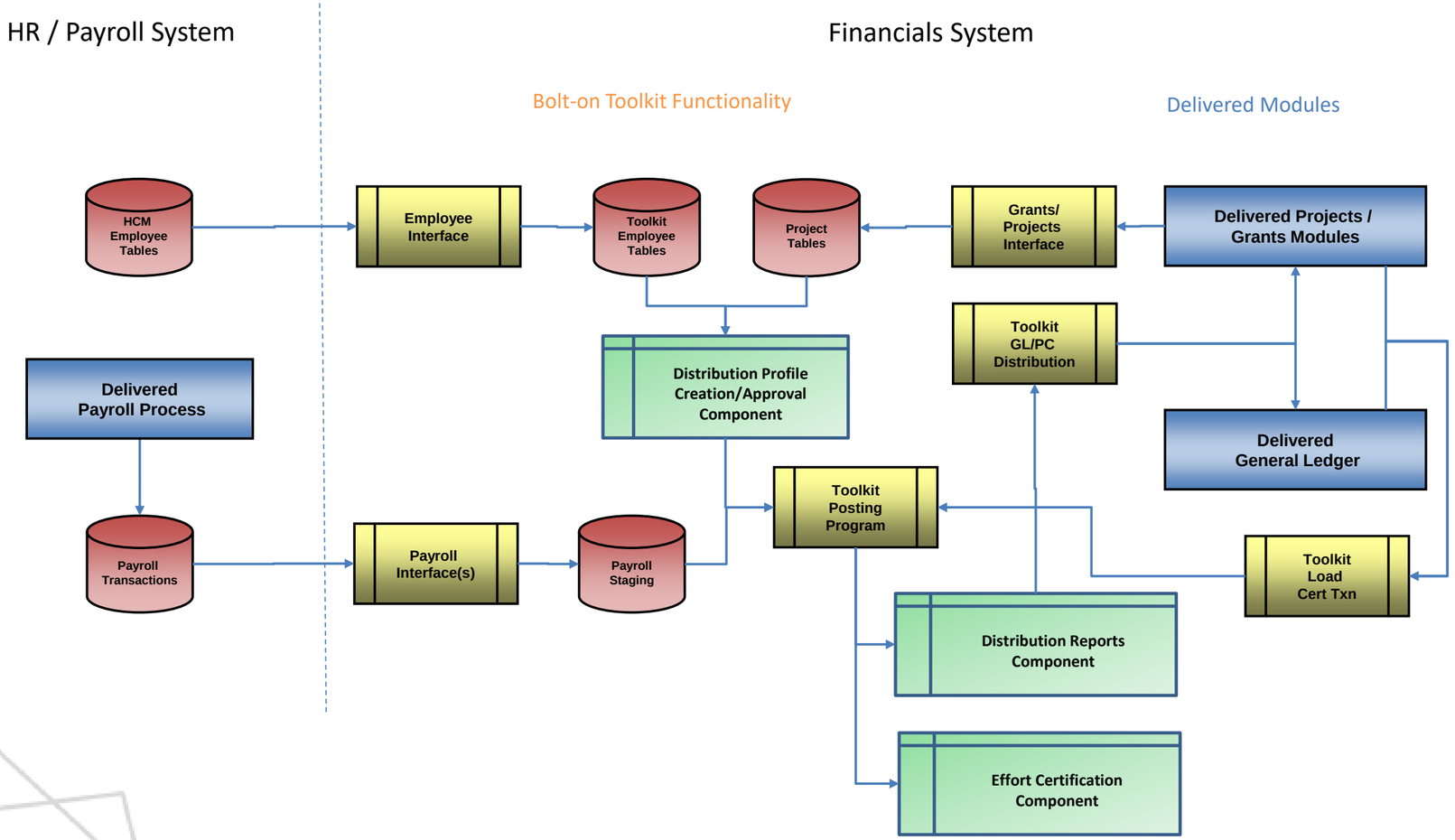




- Can distribute by Percent or by Dollars
- Calculates Salary Cap and Cost Sharing
- Can be configured to group by categories of time
- Approval routing is configurable
- Configurable validation rules

LCD and Effort Reporting

Distributions and Redistributions sent to the GL and PC



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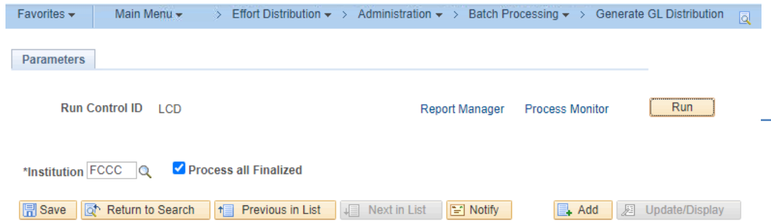
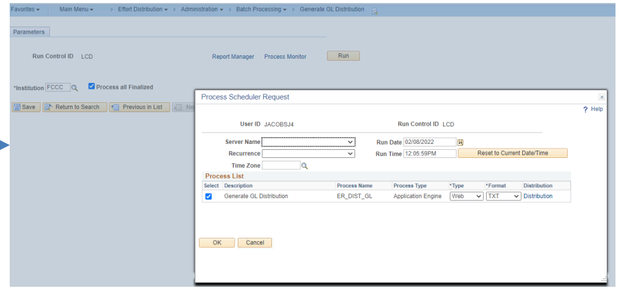
LCD and Effort Reporting

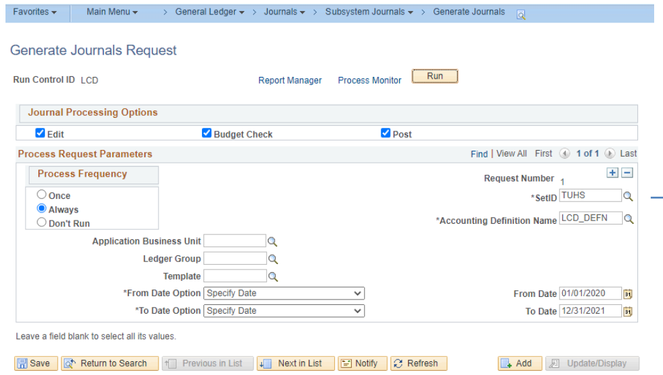
Distributions and Redistributions sent to the GL and PC

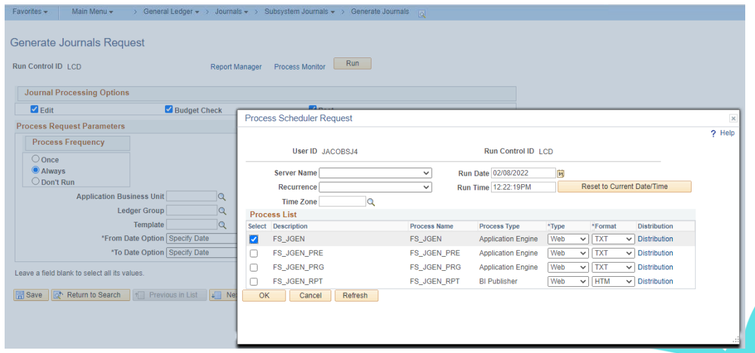
1) LCD GL Distribution



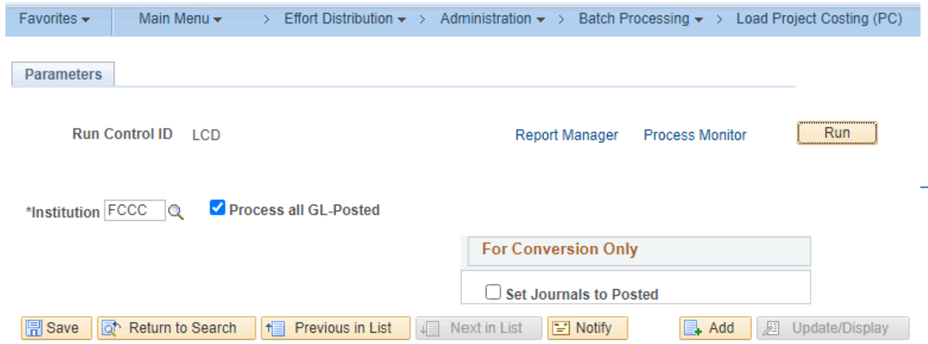


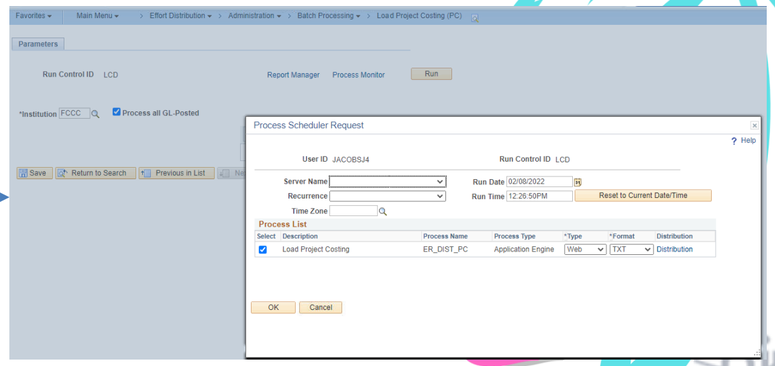
2) Journal Generate to GL





3) LCD Load to PC





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LCD and Effort Reporting

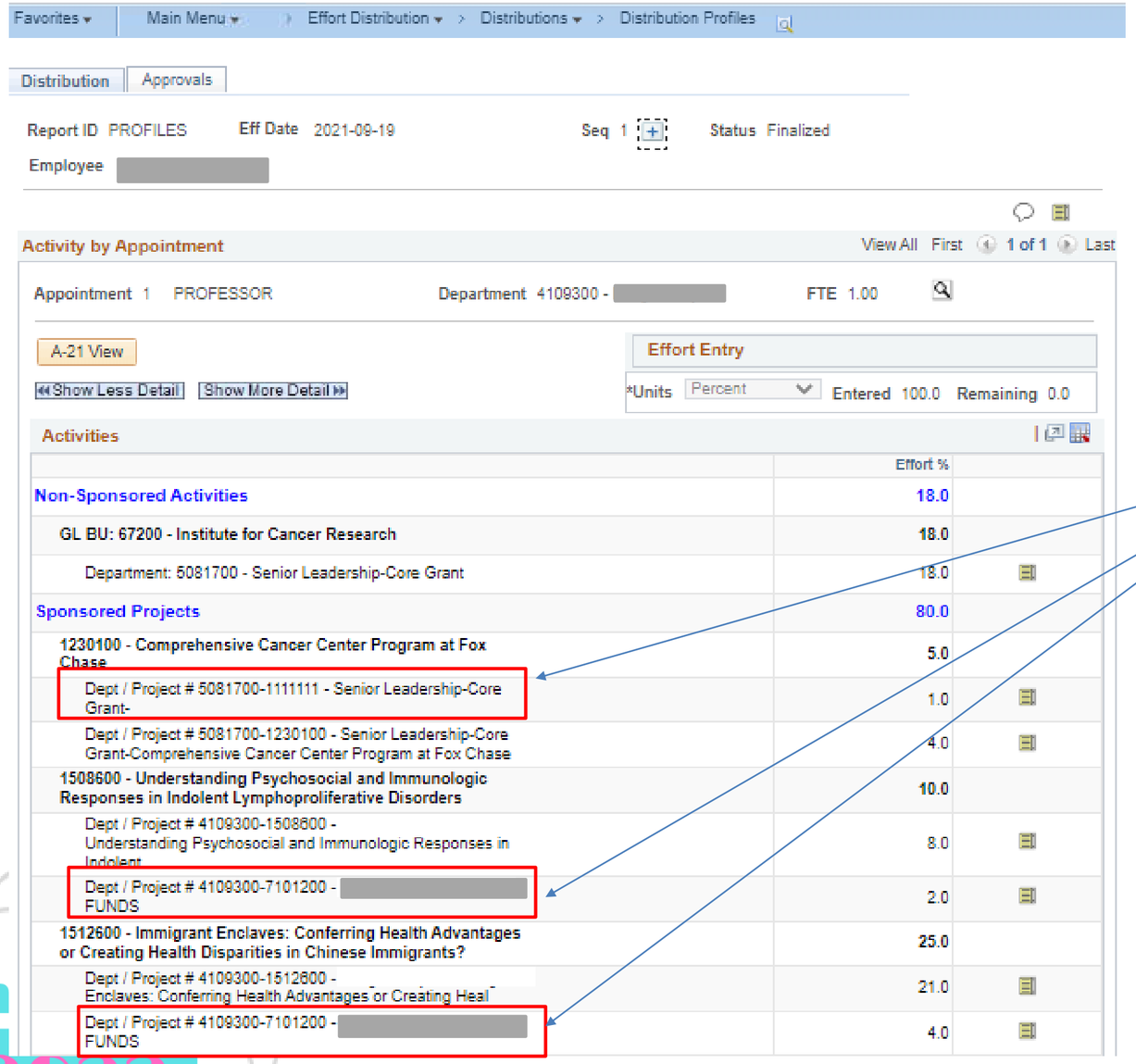
Two Cost Share Configuration Options:

- LCD System Facilitated Cost Sharing
  - Mandatory Committed Cost Sharing (MCS) amounts entered by user on Distribution Profiles
  - Over the Salary Cap Cost Sharing (OTC) calculated by LCD system based on individual employee salaries and caps set at the sponsor or grant level
  - Accounting Distribution applied to the grant using pre-configured accounting distributions and Project Module Cost Share Analysis Types

- User Specified Cost Sharing (TUHS approach)
  - Users entering Distribution Profiles enter dollar amounts based on their cost share business needs for mandatory and over the salary cap cost sharing
  - Users apply accounting distribution to each cost share row, which can either be coded to the grant or to a different project IDs and Chartfield string
  - Effort for direct charged and cost share rows are accumulated against the grant for total effort certification for accumulated direct charged and cost share rows

LCD and Effort Reporting

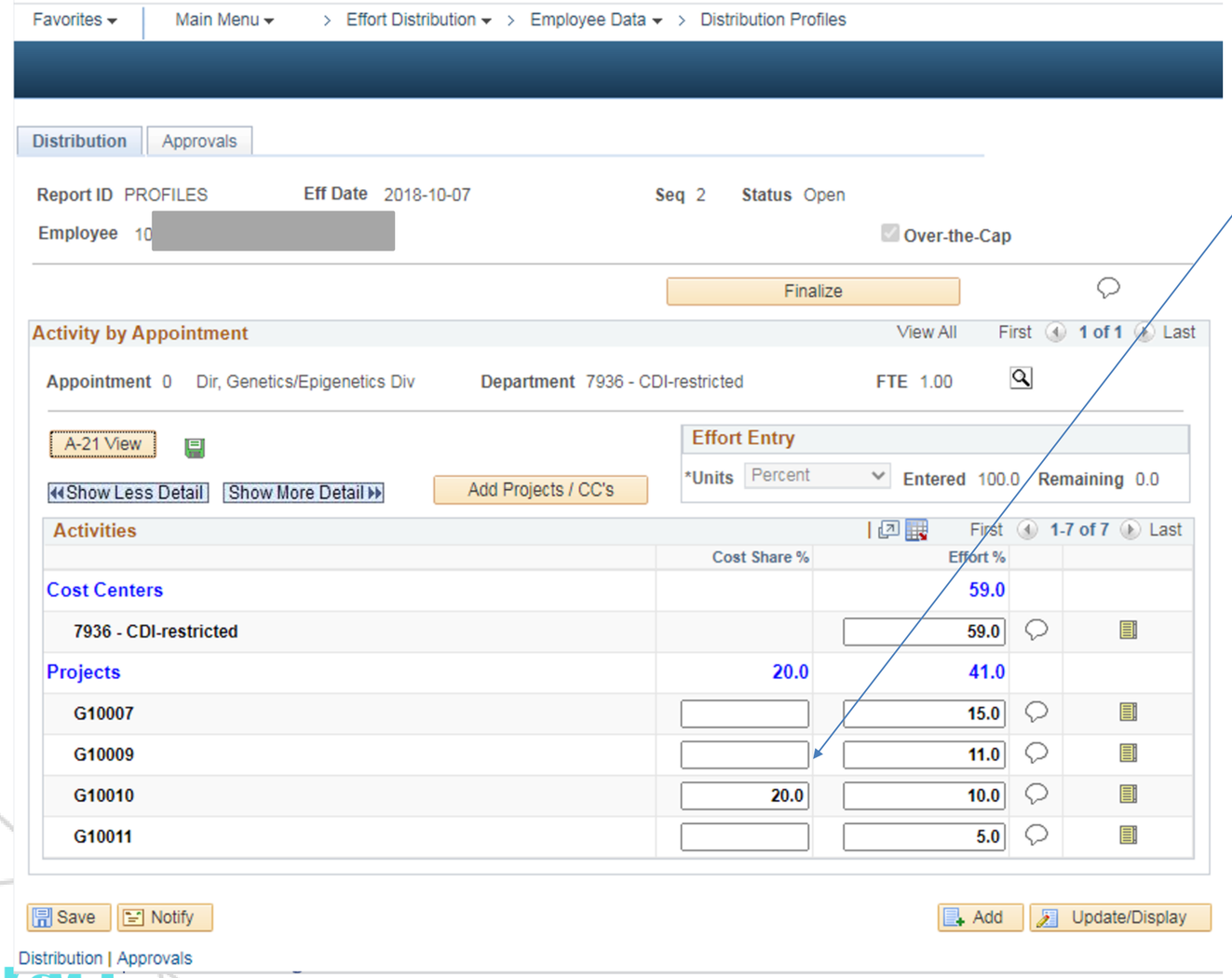
User Specified Cost Share example from TUHS



Cost Share Rows. Notes that the project ID at the distribution level is different for these lines than the one at the upper level

LCD and Effort Reporting

LCD System Facilitated Cost Share example (sample data)



Employee entered Total Effort and Mandatory Cost Sharing

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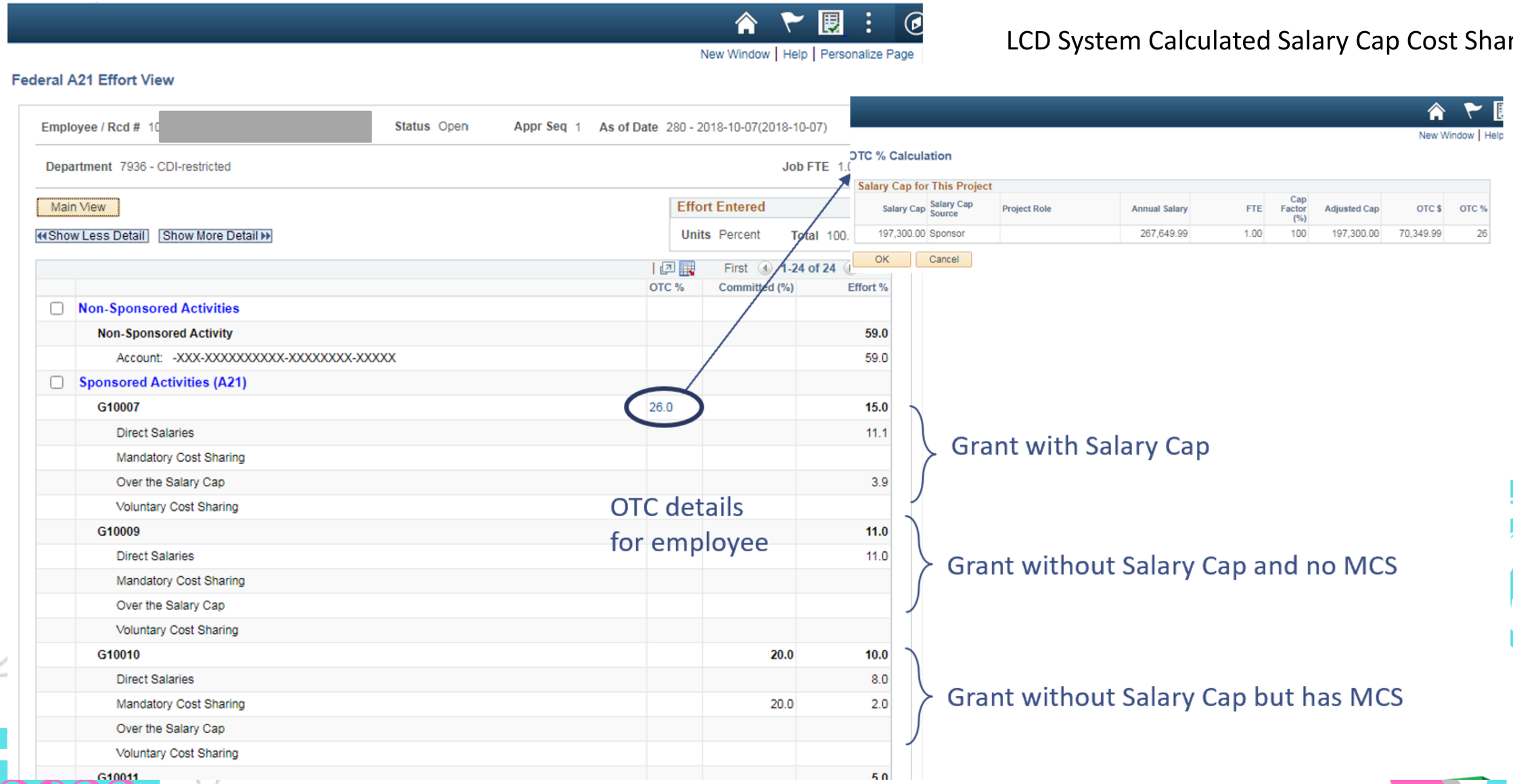
LCD and Effort Reporting

LCD System Calculated Salary Cap Cost Sharing



OTC details for employee

Grant with Salary Cap

Grant without Salary Cap and no MCS

Grant without Salary Cap but has MCS

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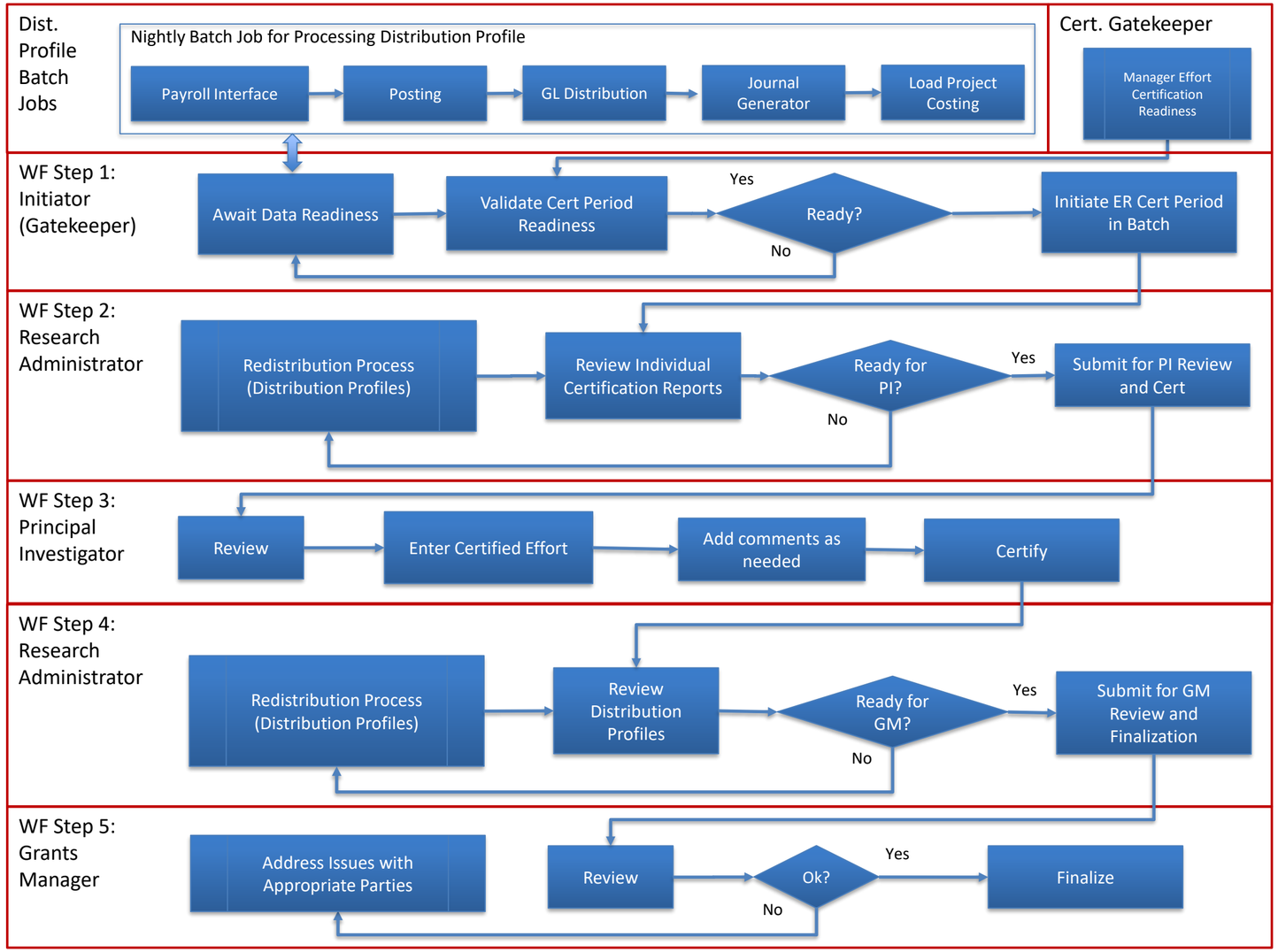
LCD and Effort Reporting

Effort Certification Processing and Workflow: Review, Certification and Approval



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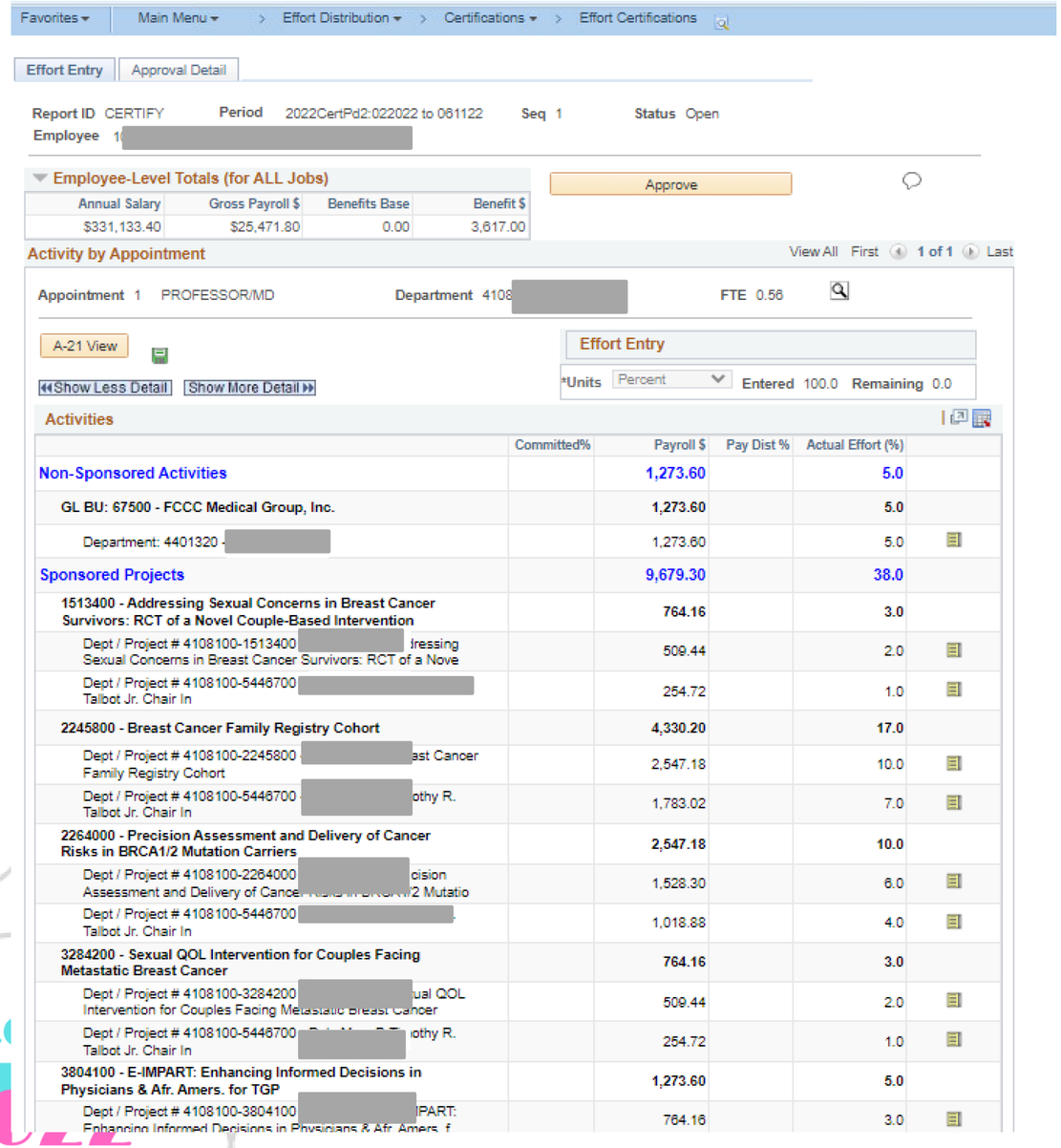
LCD and Effort Reporting

Effort Certification – Research Administrator View



Favorites ▾ | Main Menu ▾ > Effort Distribution ▾ > Certifications ▾ > Effort Certifications

Effort Entry | Approval Detail

Report ID CERTIFY Period 2022CertPd2:022022 to 061122 Seq 1 Status Open
Employee 1[redacted]

Employee-Level Totals (for ALL Jobs)

Approve

Annual Salary	Gross Payroll $	Benefits Base	Benefit $
$331,133.40	$25,471.80	0.00	3,617.00

Activity by Appointment — View All First 1 of 1 Last

Appointment 1 PROFESSOR/MD Department 4108[redacted] FTE 0.56

A-21 View

Effort Entry

Show Less Detail | Show More Detail

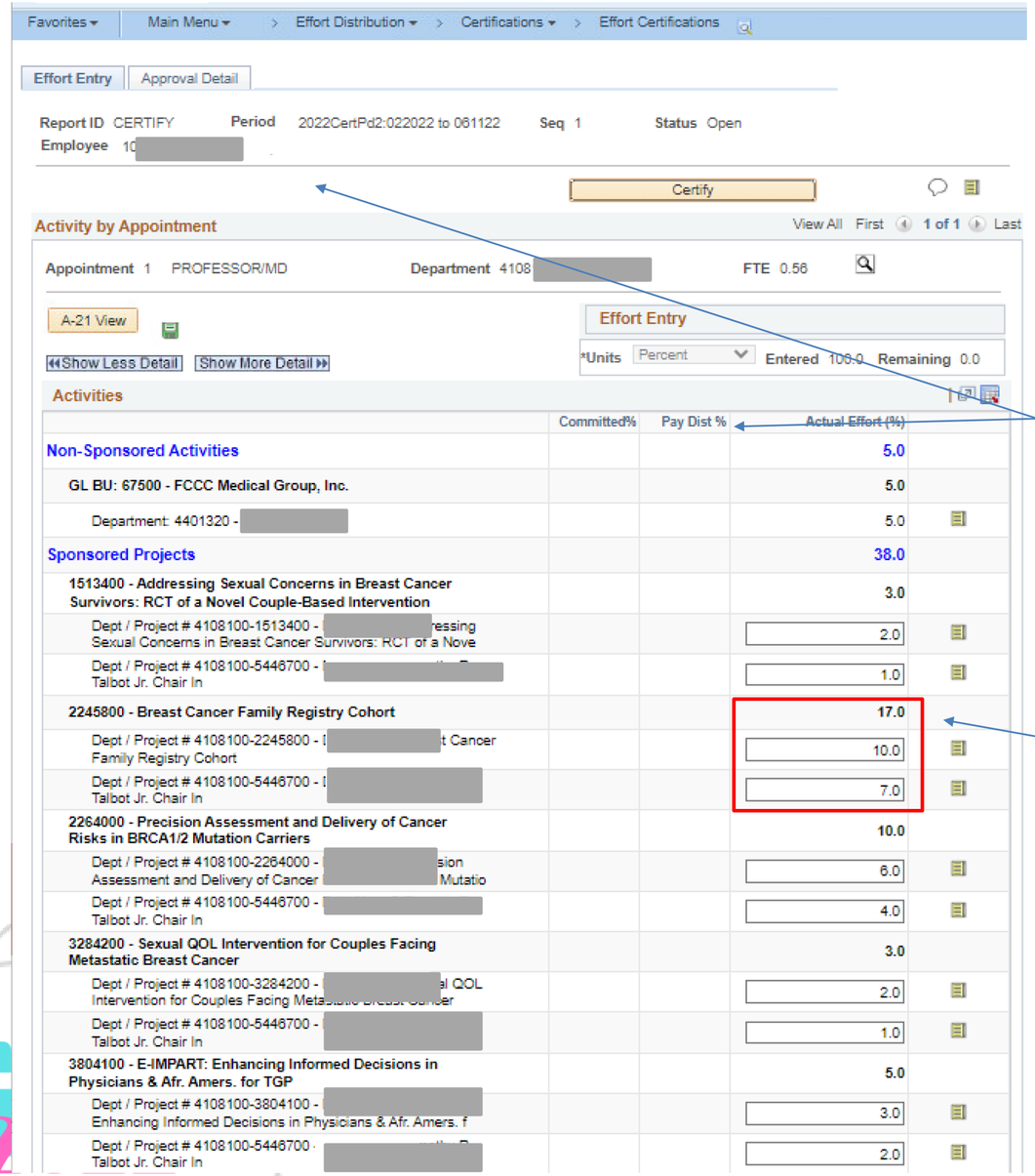
*Units Percent Entered 100.0 Remaining 0.0

Activities

	Committed%	Payroll $	Pay Dist %	Actual Effort (%)
Non-Sponsored Activities		1,273.60		5.0
GL BU: 67500 - FCCC Medical Group, Inc.		1,273.60		5.0
Department: 4401320 -[redacted]		1,273.60		5.0
Sponsored Projects		9,679.30		38.0
1513400 - Addressing Sexual Concerns in Breast Cancer Survivors: RCT of a Novel Couple-Based Intervention		764.16		3.0
Dept / Project # 4108100-1513400[redacted] Sexual Concerns in Breast Cancer Survivors: RCT of a Nove		509.44		2.0
Dept / Project # 4108100-5446700[redacted] Talbot Jr. Chair In		254.72		1.0
2245800 - Breast Cancer Family Registry Cohort		4,330.20		17.0
Dept / Project # 4108100-2245800[redacted] Family Registry Cohort		2,547.18		10.0
Dept / Project # 4108100-5446700[redacted] Talbot Jr. Chair In		1,783.02		7.0
2264000 - Precision Assessment and Delivery of Cancer Risks in BRCA1/2 Mutation Carriers		2,547.18		10.0
Dept / Project # 4108100-2264000[redacted] Assessment and Delivery of Cance[redacted] Mutatio		1,528.30		6.0
Dept / Project # 4108100-5446700[redacted] Talbot Jr. Chair In		1,018.88		4.0
3284200 - Sexual QOL Intervention for Couples Facing Metastatic Breast Cancer		764.16		3.0
Dept / Project # 4108100-3284200[redacted] Intervention for Couples Facing Metastatic Breast Cancer		509.44		2.0
Dept / Project # 4108100-5446700[redacted] Talbot Jr. Chair In		254.72		1.0
3804100 - E-IMPART: Enhancing Informed Decisions in Physicians & Afr. Amers. for TGP		1,273.60		5.0
Dept / Project # 4108100-3804100[redacted] Enhancing Informed Decisions in Physicians & Afr. Amers. f		764.16		3.0

LCD and Effort Reporting

Effort Certification – Knowledgeable Person View



Note that select data, such as Payroll Dollar amounts and Payroll Distribution Percentage, can be shown or hidden based on the Workflow Role

Note that Total effort is the sum of both direct charged and cost share effort rows.

"Knowledgeable Person" can also be defined differently for Direct Distribution and/or Cost Share Chartfield values. Only rows allowable for the logged-in User ID will be available for edit.

Group Discussion

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Questions?

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ALL INTERACT PRESENTATIONS WILL BE AVAILABLE FOR DOWNLOAD FROM THE CONFERENCE SITE

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Thank you!

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