# Operational Performance Dashboard September 2009 <br> FY 2010 Quarter 1 (July - September 2009) <br> (Final Version - January 6, 2010) 

Financial management Mission:
Key processes include:

We help people who change the world through collaboration, consultation and financial stewardship.

Bill \& Collect Tuition
Collect and Distribute Mail
Design and Print Communication Pieces
Develop and Maintain Websites
Develop \& Negotiate Indirect Cost Rates
Develop FM Staff
Disburse Financial Aid to Students
Manage Financial Recording
Manage Grants
Manage records retention and compliance
Information Reporting
Pay Bills
Pay People
Protect and promote the University Image
Purchase Goods \& Services

## FINANCIAL MANAGEMENT

(A unit of Finance \& Facilities)
Operational Performance Dashboard - FY 2010 Quarter 1 (July - September 2009)

| Process | Measure | Current <br> Output <br> Measure | Target | Gap <br> (Target- <br> Output) | Process | Measure | Current <br> Output <br> Measure | Target <br> (Target- <br> Output) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Pay Bills | Percent of travel expenses reimbursed within 5 days of receipt of TEV | 96\% | 95\% | $\uparrow$ | No Gap | Pay Bills | Percent of online invoices paid within 30 days of receipt in PA | 90\% | 95\% | $\uparrow$ | -5\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Manage Grants | Twelve month average of number of days to setup a new award (from receipt of award in OSP to notification to PI of budget number ) | $\begin{gathered} 15 \\ \text { days } \end{gathered}$ | $\begin{gathered} 12 \\ \text { days } \end{gathered}$ | $\downarrow$ | 3.3 | Pay Bills | Reduction in Small Dollar PAS Transactions which should be going through eCommerce. | 6,393 | 6,000 | $\downarrow$ | 393 |
| Disburse | Percent of Student Fiscal Services transactions done via direct deposit. | 87\% | 85\% | $\uparrow$ | No Gap | Manage Grants | Total uncollected cash for unbilled invoices \& aged receivables (cumulative) - JDE | $\begin{gathered} \$ 49 \\ \text { million } \end{gathered}$ | $\begin{gathered} \$ 23 \\ \text { million } \end{gathered}$ | $\downarrow$ | \$25.9 |
| Aid | Percent of students satisfied with SFS services. | $\begin{aligned} & 80 \% \\ & 2009 \end{aligned}$ | 64\% <br> Benchmark | $\uparrow$ | No Gap |  <br> Collect <br> Tuition | Percent of students in default on all long-term loans. | $\begin{aligned} & 6.7 \% \\ & 2007 \end{aligned}$ | 7.8\% | $\downarrow$ | No Gap |
| Design and Print Comm. Pieces | Percent of clients who are satisfied with Creative + Communications | 95\% | 85\% | $\uparrow$ | No Gap | Indirect Cost Rates | Five year average of percent annual change in F\&A Indirect Cost | 3.2\% | 5.0\% | $\uparrow$ | -1.8\% |
| INTERNAL BUSINESS PROCESS |  |  |  |  |  | LEARNING \& GROWTH |  |  |  |  |  |
| Inc. online Trans. | Process online mailing, printing \& copying | 32\% | 26\% | $\uparrow$ | No Gap | Develop Staff | Percent of staff highly satisfied with FM (top 2 ratings on scale) | $\begin{aligned} & 68 \% \\ & 2009 \end{aligned}$ | 69\% <br> Benchmark | $\uparrow$ | -1\% |
| Manage Fin. Rec. | Percent of total count of inter-departmental billings entered in FAS more than 1 month \& 1 day from current month | 4\% | 1\% | $\downarrow$ | 3\% |  | Percent of staff who agree that "the FM Diversity Initiative has made a positive impact in FM". (top 2 ratings on scale) | $\begin{aligned} & 56 \% \\ & 2009 \end{aligned}$ | 90\% | $\uparrow$ | -34\% |
| Inc. prod. | Productivity - \% 3-year rolling average. | $\begin{gathered} 1 \% \\ \text { FY06-08 } \end{gathered}$ | 5\% | $\uparrow$ | -4\% |  | Percent of staff who state that "they are developing their skills as a knowledge worker" (top 2 ratings on scale) | $\begin{aligned} & 73 \% \\ & 2009 \end{aligned}$ | 90\% | $\uparrow$ | -17\% |
| Pay People | Number of outstanding I-9's | 177 | 50 | $\downarrow$ | 127 |  | Active Employee Development Plans (EDPs) | 33\% | 75\% | $\uparrow$ | -42\% |

## Pay Bills - Travel



## Manage Grants (New Budget Setup) - GCA



## Manage Grants (New Budget Setup) - GCA

| Customer |  |
| :---: | :---: |
| $0$ | Manage Grants (Measure \#2) - GCA OSP \& GCA Combined Budget Setup Time |
|  |  |
| ${ }^{\circ}$ | Manage Grants (Measure \#2) - GCA GCA Budget Setup Time |
|  |  <br>  <br>  |

## Disburse Financial Aid - SFS



## DEFINITION

Quantifies the percent of Student Financial Aid disbursements (i.e., money received in the form of aid in excess of tuition and other charges that are released to students) done via direct deposit. Note that not all students who receive financial aid would necessarily receive any disbursements by direct deposit or check after tuition, fees or other aid-allowable UW expenses had been paid.

ANALYSIS
Consistent and persistent notification of direct deposit availability by SFS staff has resulted in a steady rise in direct deposit aid disbursement participation.

Control limits were adjusted to account for a consistently higher average. Additional discussion is required before adjusting target.

Out of 18,083 students attending UW in the summer 8,533 received some form of financial aid that was disbursed through SFS for a total of $\$ 40,341,296$.

## NEXT STEPS

SFS staff continue to notify students of the benefits of direct deposit -- via enclosure within mailed check or when students ask about disbursements.

## Student Satisfaction - SFS



## Client Satisfaction - Creative Communications



## Increase Online Transactions



## DEFINITION

Shows the number of orders submitted to Creative Communications (C2) via web based online ordering. Excludes orders placed via email or digital files sent via web file transfer or ftp. Currently orders are placed through three different web interfaces: Digital StoreFront (DSF), Print and Copy request, and Mail request.

ANALYSIS
A combination of an increase in the online transactions and a decrease in the total transactions has resulted in a 9.4\% increase from the previous quarter, or $32.1 \%$ for the quarter. The increase in the online transactions is encouraging and can be attributed to the products added to DSF. However, the increase in the percentage of transactions is due to an overall decrease in total transactions.

During the previous quarter we established a $26 \%$ online order target by Q3'10; we were pleased to discover that we surpassed that target in Q1. Normally we would adjust the target upward, but feel it is necessary to monitor overall transactions for the next quarter before doing so.

Current DSF products include: business cards, campus products (formerly UStore products), letterhead and envelopes. Completed implementation of unique styles for School of Public Health.

## NEXT STEPS

Continue final stage of UW Seal \& traditional implementation.

## Manage Financial Reporting - Financial Accounting



## Productivity - FM

## Internal Business Process



## DEFINITION

This measure is a composite statistic using labor productivity-output per hour of labor--to measure progress over time of process improvements and other initiatives. FM adapted the methodology used by the federal government to compute productivity within an administrative unit in a large organization. The last published rate was in 2005-2006. This approach enabled FM to use US Business for benchmarking. FM also simplified the calculation, focusing on one or two output indicators (transactions, etc.) and using FTE positions for labor input. A rolling three year average adjusts for one year fluctuations.

## ANALYSIS

Prior to FY05, FM's productivity was comparable to, or greater than, the business sector as measured by the US Dept of Labor. In FY06, Purchasing was included in the data because it joined FM in the last 3 months of the year. Treasury was also included in the data. In FY07, Purchasing was included in the new Procurement Services area as are Financial Services, and other areas. Treasury is excluded from the data in FY 07 due to reorganization. Overall, productivity increased 4.1\% in FY08 reversing the 1.3\% drop in FY07.

## NEXT STEPS

Our efforts are to continue to eliminate transaction-related positions through increased automation and to re-establish knowledge worker positions, which has the effect of reducing productivity (particularly where there's been no significant increase in transaction volume).

The Metrics and Reporting unit in Finance and Facilities is conducting an analysis of productivity and FTE's to identify improvements to this measure.

## Pay People - Payroll

Internal Business Process


## Pay Bills Online Invoices Paid Within 30 Days of Invoice Date - Payables



## Pay Bills Online Invoices Paid Within 45 Days of Invoice Date - Payables



DEFINITION:
Identifies the number of days between the invoice date and the payment date.

ANALYSIS:
Research and analysis by the Accounts Payable (AP) Customer Service Project and the Seamless Utilization Task Group (UTG\#1) show that over 60\% of invoices are mailed by vendors to the ordering department rather than to AP. The delay of delivery to AP increases the likelihood of payment in more than 30 days from date of the invoice. This measure is also impacted by the time required to resolve invoice discrepancies.

## NEXT STEPS:

AP strives to improve the expedited process for aging invoices coming from campus and vendors. AP and Purchasing continue to make improvements to the invoice discrepancy resolution process. Also, more importantly, we continue to explore alternative payment methods for the invoices that are still coming through AP.

## Pay Bills - Invoices with Discrepancies - Payables



## Pay Bills - Invoices with Discrepancies Over 30 Days Old - Payables



## Migration of Small Dollar Purchases from PAS to eCommerce

Financial


GOAL:
The eCommerce transactions (in blue) should be increasing . $\uparrow$ Good The small dollar PAS transactions (in red) should be decreasing. $\downarrow$ Good

## DEFINITION

This chart tracks the migration of small dollar purchases from Purchasing Accounting Systems (PAS) to eCommerce, displaying the manual one requisition to multiple invoices relationship in PAS that creates 2 sets of documents, the requisition initiated by a campus department and managed by Purchasing (pink bar) and the resulting invoice (red bar) processed by Accounts Payable (AP) for payment to complete the purchase cycle. In comparison, eCommerce produces one set of documents managed by the department that ordered the goods or services.

## ANALYSIS

The goal is to migrate all eligible purchases to either ProCard and/or eProcurement. This will save the University time, money and effort in accordance with Financial Management's strategic objective to streamline the Procure to Pay process.

## NEXT STEPS

eCommerce conducts outreach based on departmental data analysis. Part of this outreach includes research in how departments utilize all available purchasing methods. The initiative to move all possible transactions under $\$ 3,300$ into eCommerce has been highly successful. Phase 2 requires follow-up outreach with departments, demonstrating through data analysis, inappropriate use of PAS. There will also be a continued emphasis with online and in-person training, utilizing eCommerce websites more effectively, quarterly forums, email and newsletter communications to departments, emphasizing the use of the Procurement Guide, in addition to establishing a structure for effective internal communications to provide our customers with consistent Procure to Pay consultation and information from all Procurement Services units.

## Manage Grants Total Uncollected - GCA

Financial


## DEFINITION

The up-front cost the University has expended that has not been reimbursed by the sponsors.

ANALYSIS
-Current Month Expenditures (the top white portion) that represent an up-front cost to the University, although not billable until the month-end close process.
-Billing backlogs are cumulative prior month expenditures not invoiced, comprised of two parts:
a. The quarterly invoice backlog (the light blue portion) includes quarterly, semi-annually, and annually billing frequency that are not billable until the billing terms are due.
b. The monthly invoice backlog (the orange portion) contains about $76 \%$ of the total backlog ( $\sim 10 \mathrm{M}$ ) that should have been billed, but could not be, due to staff shortage, stringent requirements from sponsors, and other various reasons. -Invoice Receivables (the dark blue portion) are aged receivables.
-Current Month Expenditures are excluded from the Target of \$23M.

## NEXT STEPS

The Auto Final Invoice process was implemented in July 2009. This new process will automate the final invoicing process which involved about $9 \%$ of the total number of receivable invoices that have been processed manually. In addition to the time savings by generating final invoices automatically, the automated process would help reduce the number of follow-ups between departments and Grant Contract Accounting's (GCA) campus service teams.

## Collect Loans Students in Default on Loans

## DEFINITION

This measure quantifies the percentage of students with a reporting cohort who are in default on their Perkins Federal loans and compares UW's default rates against the National and PAC 10 Schools' Average Default Rates. Student Fiscal Services (SFS) currently reports our default rate annually to the US Department of Education on the Perkins Fiscal Operations Report (FISAP).

Our current target is the National Average Default Cohort Rate, with a streatch goal of achieving the PAC 10 Average Default Cohort Rate. So long as UW maintains a rate less than $15 \%$, there are no issues with respect to Federal requirements.

National Average Default Cohort Rate - defined by the U.S. Dept of Education as a national measure of borrowers who entered repayment during the prior fiscal year who are in default (270 days past due) by the end of the current fiscal year; PAC 10 Average Default Cohort Rate - a subset of the default cohort rates limited to PAC 10 institutions.

ANALYSIS
NOTE: The 2008 National Average Default Cohort Rate contains an error: a school reported 1,000,000+ borrowers entering repayment, thus skewing the calculation. This error has yet to be corrected by the Federal reporting agency. Backing out this data results in a rate of 8.3\%

Current economic trends would indicate that we can expect an overall increase in defaults -- as students entering the workforce face increased competition for career-track jobs within their fields of study and an overall tighter employment market.

NEXT STEPS
SFS will continue with outreach, advising and other intervention activities as appropriate, while monitoring the performance of our 3rd party collection agencies.

## Collect Loans Students in Default on Loans

## Financial

## Cumulative Perkins Loan Default Rate and Defaulted Dollars by Fiscal Year



1997199819992000200120022003200420052006200720082009

Principal Amount Outstanding in Default
$\rightarrow$ Cumulative Portfolio Default Rate
——Target

## DEFINITION

The "Cumulative Perkins Loan Default Rate and Defaulted Dollars by Fiscal Year" measures the overall "historical" default rate since inception of the program in 1959 in relation to the dollar amount in default at the end of the fiscal year. This default rate is derived by comparing the principal outstanding in default to the total dollars that have ever entered repayment. These values are derived from the Campus Partners status summary report for program 04650. The target for cumulative default rate is based on a 10 year average (1997-2007). Student Fiscal Services (SFS) goal is to minimize the overall default rate.

## ANALYSIS

SFS used to report the Cumulative Default Rate on the Perkins Fiscal Operations Report (FISAP) up until the US Department of Education switched to the reporting of the Perkins Cohort Default Rate (which takes into account only the borrowers that have gone into repayment during one reporting period.) Historically, this measure displays UW's total Perkins Loan portfolio default trend and defaulted principal outstanding -which, until end of FY 2008, was in a steady decline.

## NEXT STEPS

Monitor this trend in relation to ongoing external economic conditions and continue to track 3rd party collection agencies' performance.

Target will be re-assessed if the current cumulative default rate stays below the current targeted average for an additional two years (i.e., by end of 2011).

## Develop and Negotiate Indirect Cost Rates - RAA



FY2000 FY2001 FY2002 FY2003 FY2004 FY2005 FY2006 FY2007 FY2008 FY2009

| - FEDERAL MTDC | - FEDERAL F\&A | NON FEDERAL MTDC |
| :--- | :--- | :--- |
| $=-$ NON FEDERALF\&A | TOTAL MTDC |  |



## DEFINITION

The Facilities and Administrative Cost Rate, or "F\&A Rate", is a mechanism to reimburse the University for expenses incurred in providing facilities and administrative support to sponsored research and other sponsored projects. The F\&A rate is essentially an overhead rate.

## ANALYSIS

Decline in the growth rate of F\&A recovery is reflective of a continuing change in the research expenditure portfolio. That is, the distribution for sponsored research funding is changing as follows. Federal research funding has flattened in the last few years while non-Federal research awards have increased at a steady pace. Since the indirect cost rates for most Federal agencies are typically greater than the rates for non-federal sponsors, the overall growth in F\&A recoveries has not kept pace with the overall growth in total research activity.

## NEXT STEPS <br> None presently.

Note: MTDC (Modified Total Direct Costs) represents the 'base' which we use to calculate and apply the F\&A rate. Each base (instruction, research, service and other direct institutional activities) includes all direct costs except: capital equipment, sub grant and contract in excess of $\$ 25,000$, rental of facilities, patient care, tuition, capital expenditures (e.g., buildings), scholarship and stipends.

## Develop and Negotiate Indirect Cost Rates - RAA

Financial
Increased F\&A Recovery Resulting from Increased F\&A Rate
in Current Fiscal Year for On-Campus Research Total Increased Recovery 7/09-9/09 \$3,390,241 Total F\&A Recovery 7/09-9/09 \$39,218,124


Chart reflects the increase in F\&A revenue attributable to the F\&A rate increase
Increased F\&A Recovery Resulting from Increased F\&A Rate in Current Fiscal Year for On-Campus Research
Total Increased Recovery 7/05-9/09 \$18,239,196
Total F\&A Recovery 7/05-9/09 \$683,666,109


Chart reflects the increase in F\&A revenue attributable to the F\&A rate increase from the last F\&A rate

## DEFINITION

The Facilities and Administrative Cost Rate, or "F\&A Rate", is a mechanism to reimburse the University for expenses incurred in providing facilities and administrative support to sponsored research and other sponsored projects. The F\&A rate is essentially an overhead rate.

## ANALYSIS

The increase in the negotiated F\&A rate has resulted in significant additional recovery of F\&A dollars related to oncampus research activity. For fiscal year ended September 30, 2009 there was over $\$ 3.3$ million in increased F\&A recovery for these awards. Cumulatively, 7/2005-9/2009, the increased F\&A rates for on-campus research have generated slightly more than $\$ 18.2$ million.

The charts reflect the increase in F\&A revenue attributable to the F\&A rate increase from the last F\&A rate negotiation.

NEXT STEPS
None presently

## Develop staff - Percent of Staff Highly Satisfied with FM

Learning \& Growth


## Develop Staff - Diversity - FM



## Develop Staff - Knowledge Workers - FM

Learning \& Growth


## Develop Staff - Active Employee Development Plans - FM



