

Shared Service Centers: Improving Service Levels and Efficiencies

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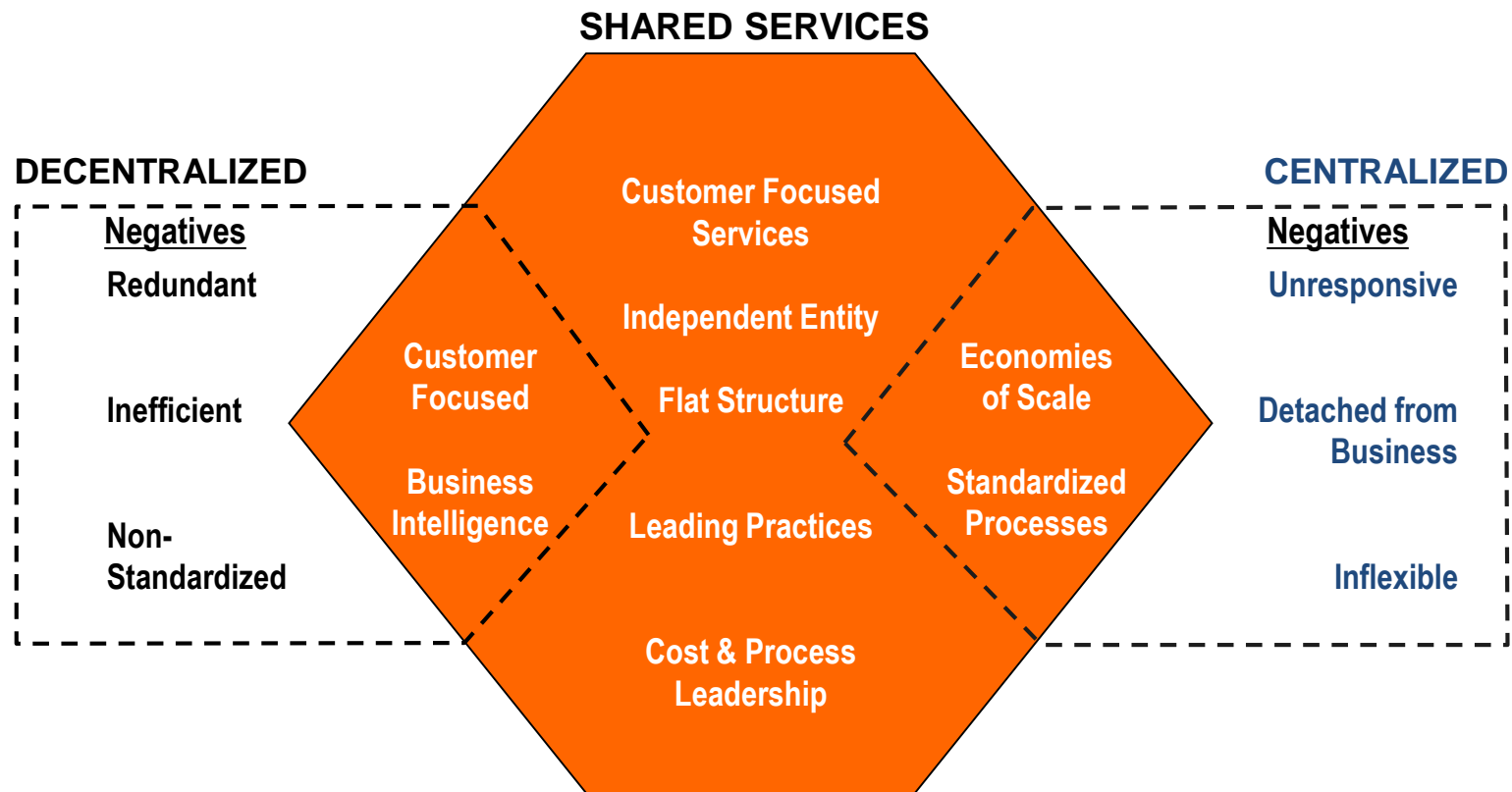
Agenda

- Definition of service centers
- Purpose of service centers
- Assessment of campus services
- Provost office pilot
- Engineering College exploration
- Conclusions
- Q&A

Shared Services vs. Centralized Services

Centralized \neq Shared Service

Shared Services vs. Centralized Services



Key Success Factors

- Shared governance
- Service level agreements
- Performance management (metrics)

Purpose

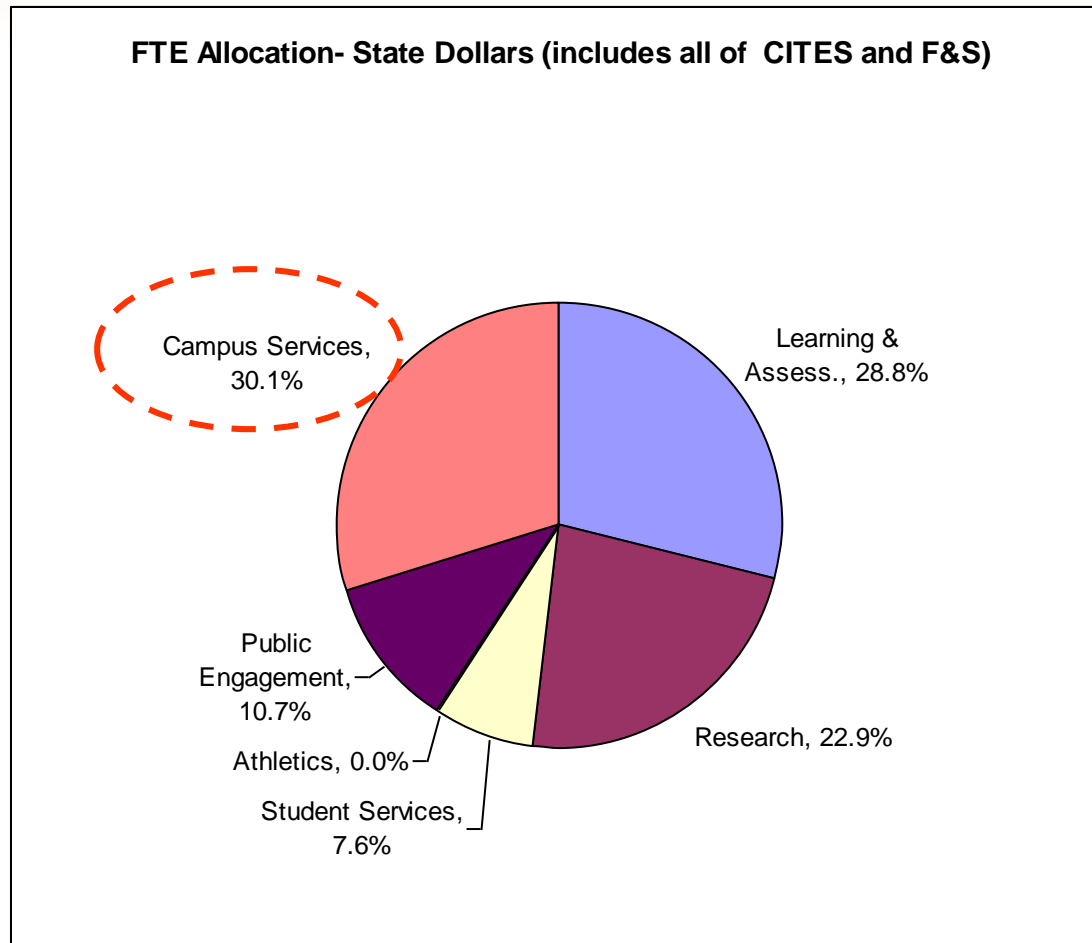
- Allow the institution to achieve **improved efficiencies** while providing a **higher level of service** to the campus than it could provide before
- Take **repetitive common processes out of Units** and moving them into a **common organization**, freeing up the units to spend **more time** focusing on their **core competencies**

Component Business Model

	LEARNING & ASSESSMENT	RESEARCH	STUDENT SERVICES	ATHLETICS	PUBLIC ENGAGEMENT & INTERNAL RELATIONS	CAMPUS SERVICES		
STRATEGIC PLANNING & POLICY	Curricular Design	Research Strategy	Recruitment	Athletic Development Strategy	Stakeholder Communications	Human Capital Planning		
	Curricular Policy Development & Review	Technology Transfer	Admissions & Enrollment Management		Extension & Outreach	Finance		
	Resource Development	Research Protocol & Regulations	Co-curricular & Student Engagement Strategy	Athletes & Staff Recruitment Strategy	Corporate Relations	Facilities Management		
	Assessment Design	Intellectual Property			Government Relations	IT Strategy		
			Alumni/ Association / Consortium Memberships		Auxiliary Enterprises			
			Marketing & Brand Strategy		Disaster & Security Strategy			
TACTICAL OVERSIGHT / MONITORING	Delivery Solutions / Channels	Grants Management	Staff Cross Training	Athletes & Staff Recruitment Oversight	Stakeholder Management	Human Capital Management		
	Content Resources / Development	Proposal Tracking	Co-curricular & Student Engagement Services			Sports Program Development	Alumni and Community Programs Management	Financial Oversight
	Learning Support Services Scheduling	Regulatory Tracking		Advising	Information Management & Reporting			Facility Utilization & Maintenance
	Staffing & Scheduling	Intellectual Property Tracking	Recruiting					Athletes Assessment
	Institutional Repository	Admissions & Enrollment Management Logistics		Scholarship Administration				
						Career Services	Sports Program Operations	
					Residential Life			
			Crisis and Conflict Resolution					Market Research & Promotions
		Research and Dissemination		Constituent Tracking				
						Proposal Development	Advancement Administration	
					Grant Administration			
			Marketing and Licensing of IP					Legal & Regulatory Compliance
		Research Infrastructure		Relationship Management & Communications				
						Research Training & Mentoring		
					Instructional Delivery & Examination			
			Assessment Program					
		Degree & Certification						
						Learning Technology		
					Content Creation / Repository			
			Instructional Delivery & Examination					
		Assessment Program						
						Degree & Certification		
					Learning Technology			
			Content Creation / Repository					

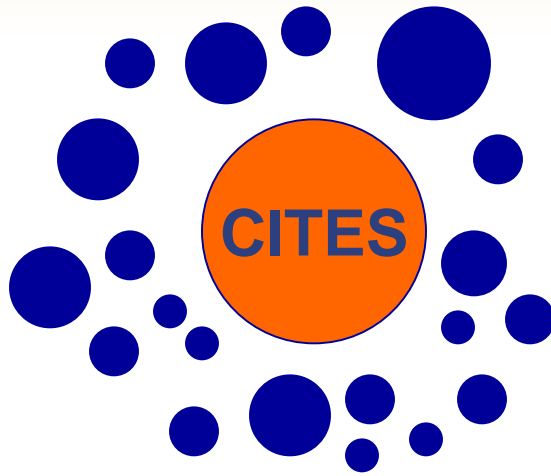
Component Business Modeling: Resource Allocation

Institutions must assess how its financial and human resources are allocated across its key activities

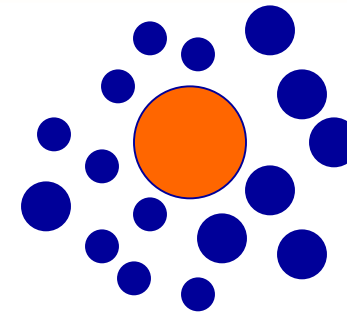


“Shadow” Organizations

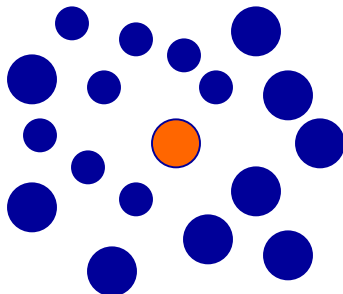
IT



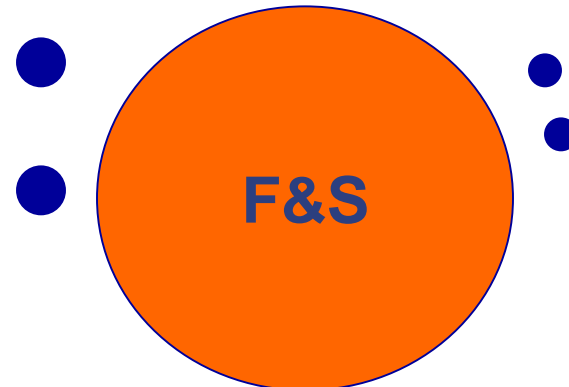
HR



Finance



Facilities



Long-term Actions for Effectiveness and Efficiency

- **IT@Illinois** - a project to redesign how we support IT on campus
- **Service Centers** - finding ways to minimize what is spent on support services
- **Process Improvement** - using business methodology to improve quality and reduce cost of delivery of support services
- **Energy Conservation** - we are moving aggressively to reduce our costs

Service Centers: Improving Service Levels and Efficiencies

Exploring Service Centers in the
Provost's Office

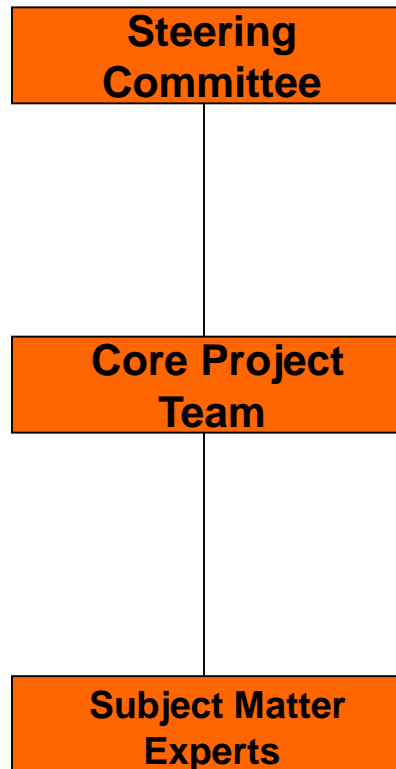
Project Team Structure

Responsibilities

- Provide oversight/executive sponsorship of project
- Ensure linkages with other campus initiatives
- Assist with communication

- Conduct current state assessment
- Develop future state design
- Create business case

- Provide insight into assessment of organization, process, and technology options



Membership

- Linda Katehi
- Mike Andrechak
- Elyne Cole
- Sally Jackson
- Robin Kaler
- Ruth Watkins

- Stig Lanesskog, Co-lead
- Keith Marshall, Co-lead
- Doug Burgett, Marketing/ Comm.
- Mona Knight, Finance/ Accounting
- Deb Stone, HR
- Stan Yagi, IT

- TBD, as required

Scope- Initial Units to Investigate

Provost's Office

Primary Scope

- Academic Human Resources*
- Campus Honors Program*
- Campus Center for Advising and Academic Services*
- CITES
- Center for Democracy in a Multicultural Society*
- Center for Teaching Excellence
- Division of Information Management
- Faculty Staff Assistance Program*
- Financial Aid*
- Foellinger Auditorium*
- International Programs and Studies
- Office of Admissions and Records*
- Office for Continuing Education
- Principal Scholars Program*
- Staff Human Resources
- Swanlund Shared Service Center*
- Training for Business Professionals*
- University High School
- Visitors Center*

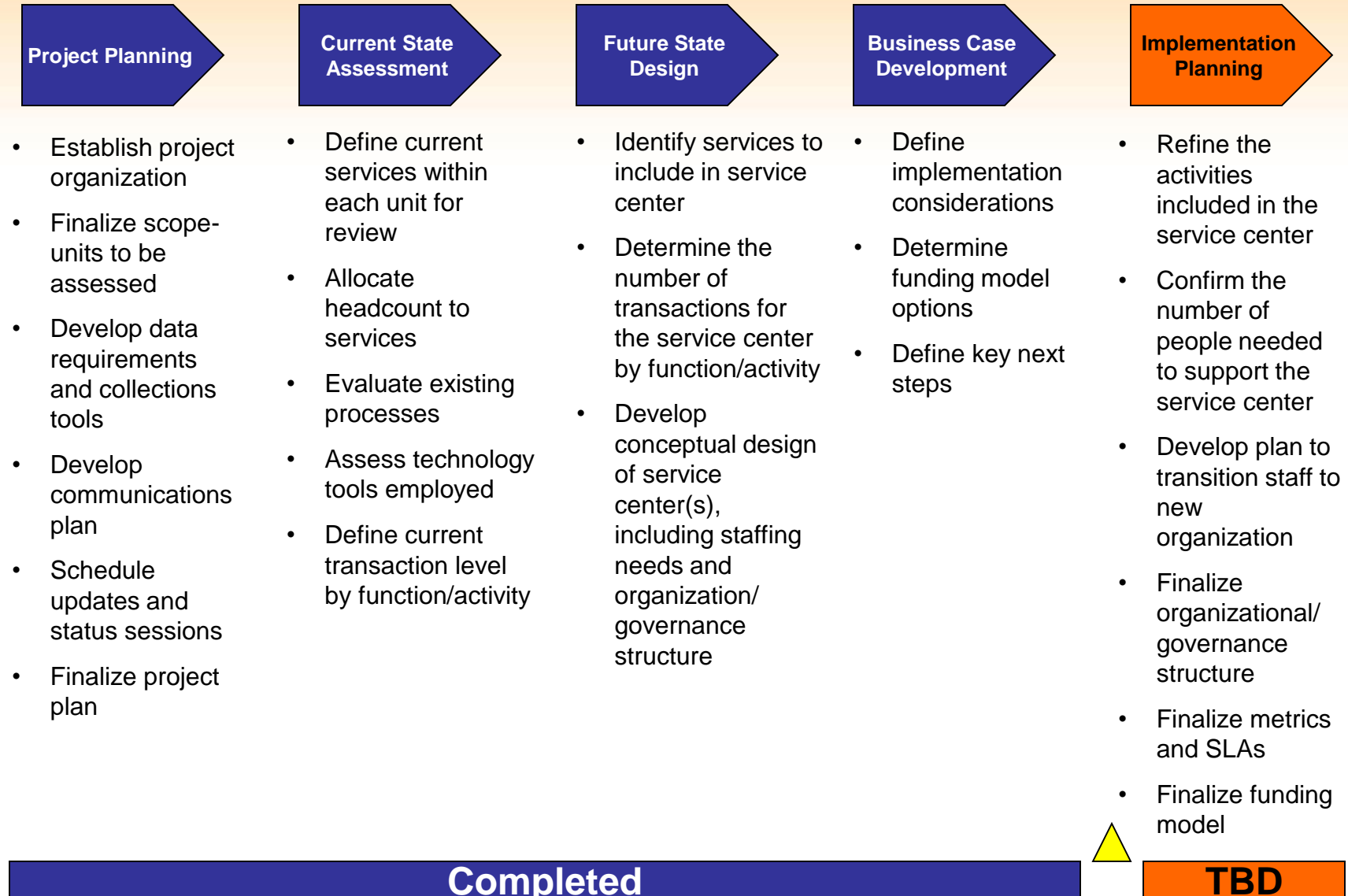
Others?

- Office of the Chancellor
 - Office of Equal Opportunity and Access*
 - Central Files*
 - Special Events*
 - Office of the Senate*
 - Public Affairs*
- Office of the VC for Student Affairs
 - VC for Student Affairs Development Office*
- Office of the VC for Research
 - Office of Research Administration*
 - Institutional Review Board*
 - Corporate/Foundations Relations*
- Office of the VC for Public Engagement*
- Office of the VC for Institutional Advancement*
- Other units

Functions under consideration: IT, HR, Accounting/Finance, Marketing/Communications

* - Units supported by Swanlund System Services

Approach



Process

- Met with all units heads to introduce topic
- Gathered metrics
- Core team met individually with each unit to review metrics and understand context
- Core team generated proposed plan

Functional Assessment

Functions Evaluated:

- Finance/Accounting
- Information Technology
- Human Resources
- Marketing/ Publications

Conservative Scenario

Delivering the same services that are already provided successfully by an existing service center to all units

Aggressive Scenario

Delivering all of the services that do not need to be performed at the individual unit level

Functional Recommendations- Marketing/ Communications




Aggressive

Writing (print)
Writing (web)
Site maintenance (web)
Spec. appl. programming (web)
Design (web)
Core programming (web)
Editing (web)
Bidding (print)
Editing (print)
Design (print)
Video- specific events
General campus photos
Photography- specific events

Service center transactions

Aggressive

- Number of web pages created: 1,354
- Number of web pages maintained: 14,800
- Number of print pieces or pages: 13,734
- Number of videos created or maintained: 35
- Number of photographs: 7,612

-  - Remain in unit
-  - A la carte
-  - Service center

Functional Recommendations- IT

Conservative

Video conference
Document scanning
Document archiving
SQL database
FTP
Backup
Web services (unsecured)
Web services (secured)
Workstation support
User support
User training
File services
Print services
Blackberry enterprise server
Email
Calendar

Aggressive

Video conference
Document scanning
Document archiving
SQL database
FTP
Backup
Web services (unsecured)
Web services (secured)
Workstation support
User support
User training
File services
Print services
Blackberry enterprise server
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

Service center transactions

Conservative

- Full-time personnel supported: 909
- Number of PCs/Macs: 1,056

Aggressive

- Full-time personnel supported: 909
- Number of PCs/Macs: 1,056
- Number of servers: 59
- Number of web pages: 14,800

-  - Remain in unit
-  - A la carte
-  - Service center

Functional Recommendations- HR

Conservative

Aggressive

Status quo

Monitoring of ethics training
Tracking of performance evaluations
Monitoring of conflict of commit and interest reptg.
Monitoring economic interest reporting
Bi-weekly payroll time entry
Appointment/ reappointment processing
Setting up new hires
Collection of I9's
Preparation of HRTC's for appoint. & retiree req. forms
Direct entry of NonFWS appts.
Preparation of PAPE requests
Monitoring and conducting searches
Preparing paperwork for filling CS vacancies
Process separations
Creation of and maintenance of dept. personnel files, I-9's
Academic vacation/sick leave reporting
Pay adjustments, one-time pays and lump sum pays
Visa processing
Consultation on HR related questions
Activity tracking
Salary planner and campus salary program impl.
Unit Security Cont for HR Applications

Service center transactions/ Staff needs

Conservative

Aggressive

- Appointments/ reappointments: 1,125
- Searches: 75
- Bi-weekly timesheets: 7,144
- On-time and lump sum pays: 1,180
- Visa requests: 11

- Remain in unit
- A la carte
- Service center

Functional Recommendations- Finance/ Accounting

Conservative

Aggressive

P-Card approval
Petty cash and program advance funds
Self-supporting activities (developing budgets, pricing, billing for services, etc.)
P-Card reconciliation
Travel voucher preparation
Invoice voucher preparation
WebCat purchasing and approvals
iBuy purchases and approvals
Journal vouchers
Fund reconciliation
Off-cycle/ special reporting needs for funds/ other data needs
Grant fund monthly financial reconciliation and reporting
Purchase orders
Budget transfers
Grant proposal development (budget prep, etc.)
Grant fund contract issues

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

Service center transactions

Conservative

- PO's or budget transfers: 2,898

Aggressive

- PO's or budget transfers: 2,898
- P-Card reconciliations: 8,309
- Travel vouchers: 1,516
- Invoice vouchers: 2,929
- Purchases: 2,661
- Budget transfers: 237
- Journal vouchers: 8,245
- Funds to reconcile: 527

 - Remain in unit
 - A la carte
 - Service center

Guiding Principals for Design

- Utilize existing resources
- Leverage existing models that work
- Phased approach
- Should not impact a unit's core function

Proposed Phases

1. Student Marketing Cluster
2. IT Services
3. HR
4. Faculty/Staff Marketing Cluster
5. Business/Finance

Marketing

Phase 1 -Student-focused Cluster

- Campus Honors Program
- **Campus Center for Advising and Academic Services**
- **Financial Aid**
- International Programs and Studies
 - Study Abroad
 - ISSS
- **Office of Admissions and Records**
 - **Visitors Center**
 - **Foellinger Auditorium**
- Principal Scholars Program
- University High School

Responsible Unit

- Office of Communications for Enrollment Services

Phase 4 -Faculty/Staff-focused Cluster

- Academic Human Resources
 - Faculty Staff Assistance Program
 - Swanlund Shared Service Center
 - Training for Business Professionals
- Staff Human Resources
- CITES
- Center for Democracy in a Multicultural Society
- Center for Teaching Excellence
- Division of Management Information
- International Programs and Studies
 - All other units
- Office of Continuing Education

Responsible Unit

- To be identified

Phase 2 - IT Services

Currently Supported by Swanlund System Services

- Academic Human Resources
 - Swanlund Shared Service Center
 - Training for Business Professionals
 - Faculty Staff Assistance Program
- Campus Honors Program
- Campus Center for Advising and Academic Services
- Center for Democracy in a Multicultural Society
- Financial Aid
- Office of Admissions and Records
 - Visitors Center
 - Foellinger Auditorium
- Principal Scholars Program
- Office of the Chancellor
 - Office of Equal Opportunity and Access
 - Central Files
 - Special Events
 - Office of the Senate
 - Public Affairs
- Office of the VC for Student Affairs
 - VC for Student Affairs Development Office
- Office of the VC for Research
 - Office of Research Administration
 - Institutional Review Board
 - Corporate/Foundations Relations
- Office of the VC for Public Engagement
- Office of the VC for Institutional Advancement

Currently Self-Supported

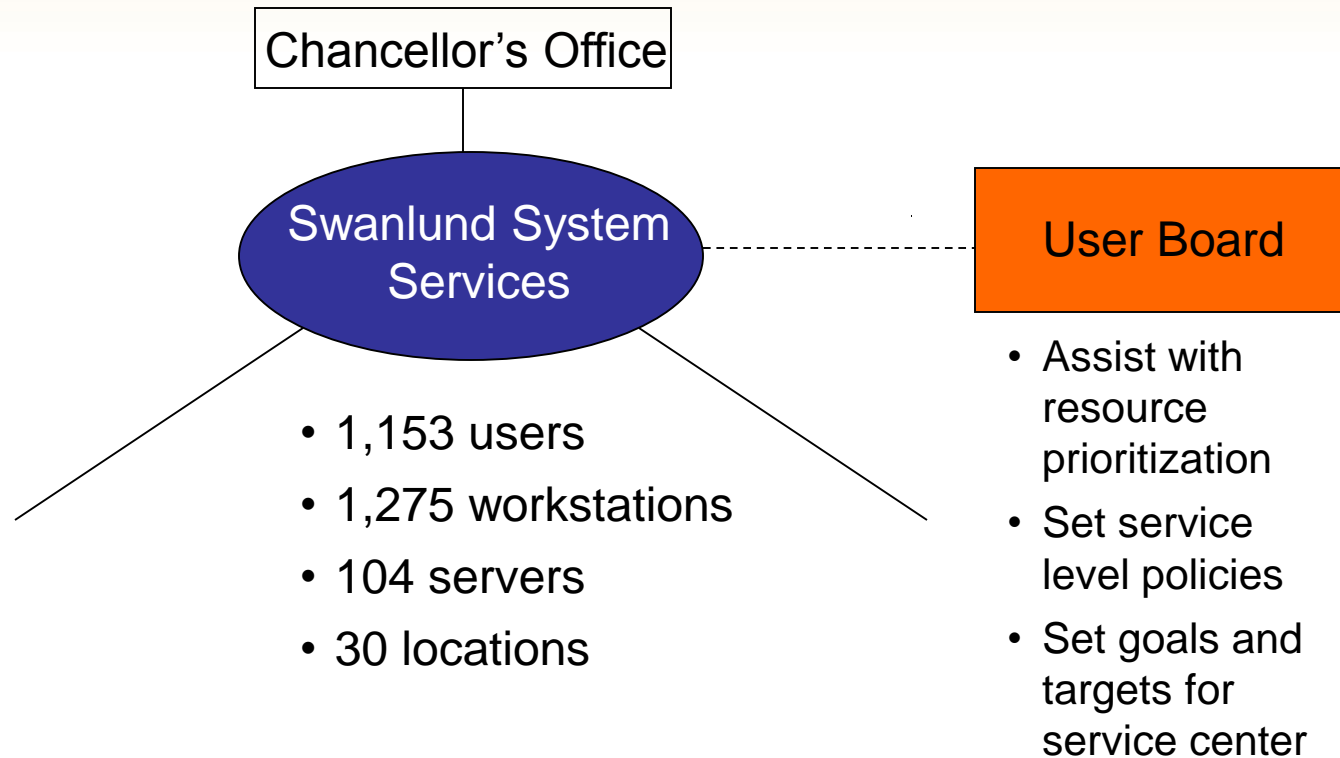
- CITES
- Center for Teaching Excellence
- Division of Management Information
- International Programs and Studies
- Office of Continuing Education
- Staff Human Resources
- University High School

IT Services

Supported by Swanlund System Services

- Academic Human Resources
 - Swanlund Shared Service Center
 - Training for Business Professionals
 - Faculty Staff Assistance Program
 - Campus Honors Program
 - Campus Center for Advising and Academic Services
 - Center for Democracy in a Multicultural Society
 - Financial Aid
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 - Office of the VC for Institutional Advancement
-
- Center for Teaching Excellence
 - Division of Management Information
 - International Programs and Studies
 - Office of Continuing Education
 - Staff Human Resources
 - University High School

Governance- IT Service Center



Phase 3 - HR Services

Currently Supported by Swanlund Shared Services

- Swanlund Shared Service Center
- Training for Business Professionals
- Faculty Staff Assistance Program
- Campus Center for Advising and Academic Services
- Center for Democracy in a Multicultural Society
- Communications for Enrollment Services
- Office of the Chancellor
 - Office of Equal Opportunity and Access
 - Central Files
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- Office of the VC for Student Affairs
 - VC for Student Affairs Development Office
- Office of the VC for Research
 - Office of Research Administration
 - Institutional Review Board
 - Corporate/Foundations Relations
- Office of the VC for Public Engagement
- Office of the VC for Institutional Advancement

Receive Occasional Support

- Office of Continuing Education
- University High School
- Campus Honors Program
- Academic Human Resources
- Principal Scholars Program

Currently Self-Supported

- CITES
- Center for Teaching Excellence
- Division of Management Information
- International Programs and Studies
- Staff Human Resources
- Financial Aid
- Office of Admissions and Records

Phase 3 - HR Services

Supported by Swanlund Shared Services

- Swanlund Shared Service Center
- Training for Business Professionals
- Faculty Staff Assistance Program
- Campus Center for Advising and Academic Services
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- Office of the Chancellor
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- Office of Continuing Education
- University High School
- Campus Honors Program
- Academic Human Resources
- Principal Scholars Program
- Center for Teaching Excellence
- Division of Management Information
- Staff Human Resources
- Financial Aid
- Office of Admissions and Records

Still Exploring Options

- CITES
- International Programs and Studies

Phase 5 – Business/Finance

- Great opportunities for efficiency and improved service through specialization
- Model to be determined in coming months

Proposed Provost Service Center Implementation Timeline

Activity	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Student Marketing Cluster	█	█										
IT Services			█	█	█	█	█					
HR Services						█	█	█	█			
Faculty/ Staff Marketing Cluster						█	█	█	█			
Business/Finance Services								█	█	█	█	█

Service Centers: Improving Service Levels and Efficiencies

Exploring Service Centers in
Engineering

Functional Areas Being Explored

- Information Technology
- Communications
- Business/HR

Information Technology

- Information Systems Steering Committee formed to guide efforts
- Desktop and Network Support
 - Electrical & Computer Engineering emerged as the provider of choice for most departments
 - Fee for service
 - Departments are pleased with service and cost
- Centralizing administrative data centers and moving to consolidation of compute clusters to the extent possible
- Collaborating on common business applications
- Regular meetings of IT staff across College

Communications

- College-led coordinating efforts
- Regular meetings
- Jointly funded positions were being explored until the financial crisis
- Web development
- Leveraging expertise among various departments

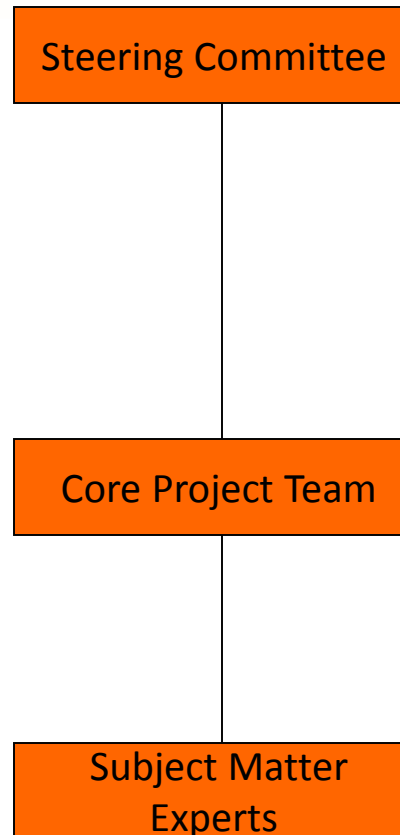
Business/HR Project team structure

Responsibilities

- Provide oversight/executive sponsorship of project
- Ensure linkages with other college/campus initiatives
- Assist with communication

- Conduct current state assessment
- Develop future state design
- Create business case

- Provide insight into assessment of organization, process, and technology options



Membership

- Rashid Bashir
- Bill Dick
- Craig Dutton
- Mike Insana
- Jong-Shi Pang
- Bill Sanders
- Ed Seebauer
- Jim Stubbins
- Bruce Vojak

- Lori Ballinger-Pankau
- Randy Elkins
- Christine Majers
- Jeff Oberg, Lead
- Debby Reynolds
- Elizabeth Stovall
- Toshua York

- TBD, as required

Business/HR Project

- Process
 - √ Project planning
 - √ Current state assessment
 - Future state design
 - Business case development
 - Implementation
- Accomplished to date
 - √ Identification of Budget / HR activities
 - √ Identification of what can be shared
 - √ Estimate of current FTE allocation for each activity
 - √ Estimate of current costs for each activity

Original Intent vs. New Realities

Original Intent

- Help small units
- Improve services
- Coalition of the willing
- Capacity for incremental growth for many units

New Realities

- Probably need to expand to all units
- Survival tactic for providing basic services in light of budget cuts
- We really don't have much choice any more.

General Guiding Principles

1. Staffing-levels will either remain the same or be reduced college-wide.
2. To the extent possible, existing staff will have jobs.
3. Efficiency will be improved.
4. Processes will be standardized.
5. Service providers must be responsive to the needs of faculty, staff, students and departmental administrators.
6. Bureaucracy will be minimized.
7. Service providers will be accountable for their performance.
8. Professionalism will be improved.

How much effort currently is expended?

ACTIVITY	ADM	AE	BIO	CSE	IESE	ITI	MNTL	NPRE	TOTAL
Finance/Accounting									
Self-supporting Accounting	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4
Travel & Expense Reimbursements	1.1	0.3	0.3	0.1	0.6	0.2	0.2	0.2	2.9
Journal Voucher Processing	0.3	0.1	0.1	0.2	0.0	0.2	0.1	0.3	1.1
Fund Reconciliations	0.8	0.1	0.1	0.3	0.1	0.4	0.1	0.2	1.9
Property Accounting	0.2	0.0	0.1	0.2	0.2	0.1	0.1	0.2	0.9
Budget Transfers	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.3
Gift accounting	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Ad-hoc Financial Reporting	0.4	0.0	0.0	0.3	0.1	0.1	0.1	0.1	1.0
Subtotal	3.2	0.6	0.5	1.0	0.9	1.1	0.6	1.0	8.7
Purchasing									
P-Card	0.8	0.3	0.1	0.2	0.2	0.2	0.2	0.6	2.5
Petty Cash and Advances	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2
Web-Cat	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.5
i-Buy	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.3
Banner requisitions	0.4	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.9
Subtotal	1.5	0.6	0.3	0.3	0.5	0.2	0.4	0.8	4.4
Sponsored Program Administration									
Proposal budget preparation & processing	0.0	0.3	0.3	0.1	0.2	0.4	0.1	0.3	1.5
Grants Management	0.0	0.3	0.3	0.3	0.1	0.4	0.1	0.2	1.5
Subtotal	0.0	0.5	0.5	0.4	0.2	0.8	0.2	0.5	3.0
Human Resources									
Payroll & Leave Reporting	0.5	0.1	0.1	0.1	0.1	0.0	0.1	0.1	1.0
Appointments	0.8	0.2	0.1	0.2	0.3	0.1	0.1	0.3	2.1
New Hires	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.9
Searches	0.3	0.1	0.1	0.3	0.2	0.2	0.1	0.1	1.4
Visa Processing	0.0	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.7
Subtotal	1.8	0.6	0.3	0.9	0.9	0.4	0.4	0.7	6.0
TOTAL	6.4	2.2	1.5	2.6	2.5	2.5	1.6	2.9	22.2

What does it cost?

ACTIVITY	ADM	AE	BIO	CSE	IESE	ITI	MNTL	NPRE	Total
Finance/Accounting									
Self-supporting Accounting	\$13,685	\$306	\$0	\$0	\$0	\$0	\$3,746	\$539	\$18,276
Travel & Expense Reimbursements	\$43,029	\$13,888	\$6,844	\$1,482	\$20,654	\$7,169	\$9,751	\$6,144	\$108,961
Journal Voucher Processing	\$12,227	\$4,665	\$3,772	\$9,422	\$623	\$7,749	\$3,746	\$8,835	\$51,039
Fund Reconciliations	\$34,731	\$3,085	\$1,886	\$15,880	\$3,114	\$22,960	\$7,492	\$9,689	\$98,837
Property Accounting	\$7,940	\$1,256	\$1,886	\$5,730	\$5,658	\$8,140	\$3,746	\$6,144	\$40,500
Budget Transfers	\$3,285	\$613	\$1,886	\$3,015	\$623	\$2,795	\$3,746	\$539	\$16,502
Gift accounting	\$6,502	\$1,016	\$0	\$0	\$1,245	\$1,440	\$1,498	\$539	\$12,240
Ad-hoc Financial Reporting	\$30,259	\$1,226	\$0	\$13,542	\$3,114	\$7,200	\$3,746	\$4,845	\$63,932
Subtotal	\$151,658	\$26,055	\$16,274	\$49,071	\$35,031	\$57,453	\$37,471	\$37,274	\$410,287
Purchasing									
P-Card	\$32,182	\$12,678	\$3,772	\$5,730	\$6,829	\$8,384	\$15,487	\$17,714	\$102,776
Petty Cash and Advances	\$855	\$0	\$0	\$0	\$2,803	\$0	\$1,498	\$3,072	\$8,228
Web-Cat	\$2,279	\$3,788	\$1,886	\$1,910	\$4,038	\$0	\$2,751	\$2,938	\$19,590
i-Buy	\$8,259	\$0	\$0	\$0	\$3,284	\$0	\$3,746	\$0	\$15,289
Banner requisitions	\$18,853	\$6,661	\$3,772	\$1,910	\$2,509	\$1,390	\$1,498	\$1,537	\$38,130
Subtotal	\$62,428	\$23,127	\$9,430	\$9,550	\$19,463	\$9,774	\$24,980	\$25,261	\$184,013
Sponsored Program Administration									
Proposal budget preparation & processing	\$0	\$15,323	\$11,200	\$6,030	\$9,341	\$25,200	\$7,492	\$16,150	\$90,736
Grants Management	\$0	\$15,323	\$11,200	\$18,090	\$3,114	\$28,460	\$7,492	\$8,075	\$91,754
Subtotal	\$0	\$30,646	\$22,400	\$24,120	\$12,455	\$53,660	\$14,984	\$24,225	\$182,490
Human Resources									
Payroll & Leave Reporting	\$24,369	\$4,645	\$5,393	\$1,482	\$5,017	\$415	\$3,449	\$4,228	\$48,998
Appointments	\$56,173	\$11,572	\$5,393	\$7,460	\$16,403	\$6,700	\$6,445	\$13,359	\$123,505
New Hires	\$12,872	\$5,786	\$5,393	\$1,482	\$12,069	\$3,350	\$2,002	\$4,424	\$47,378
Searches	\$20,975	\$4,858	\$5,393	\$8,889	\$8,553	\$11,015	\$4,003	\$2,212	\$65,898
Visa Processing	\$0	\$2,368	\$5,393	\$8,889	\$2,467	\$3,350	\$4,003	\$2,212	\$28,682
Subtotal	\$114,389	\$29,229	\$26,965	\$28,202	\$44,509	\$24,830	\$19,902	\$26,435	\$314,461
TOTAL	\$328,475	\$109,057	\$75,069	\$110,943	\$111,458	\$145,717	\$97,337	\$113,195	\$1,091,251

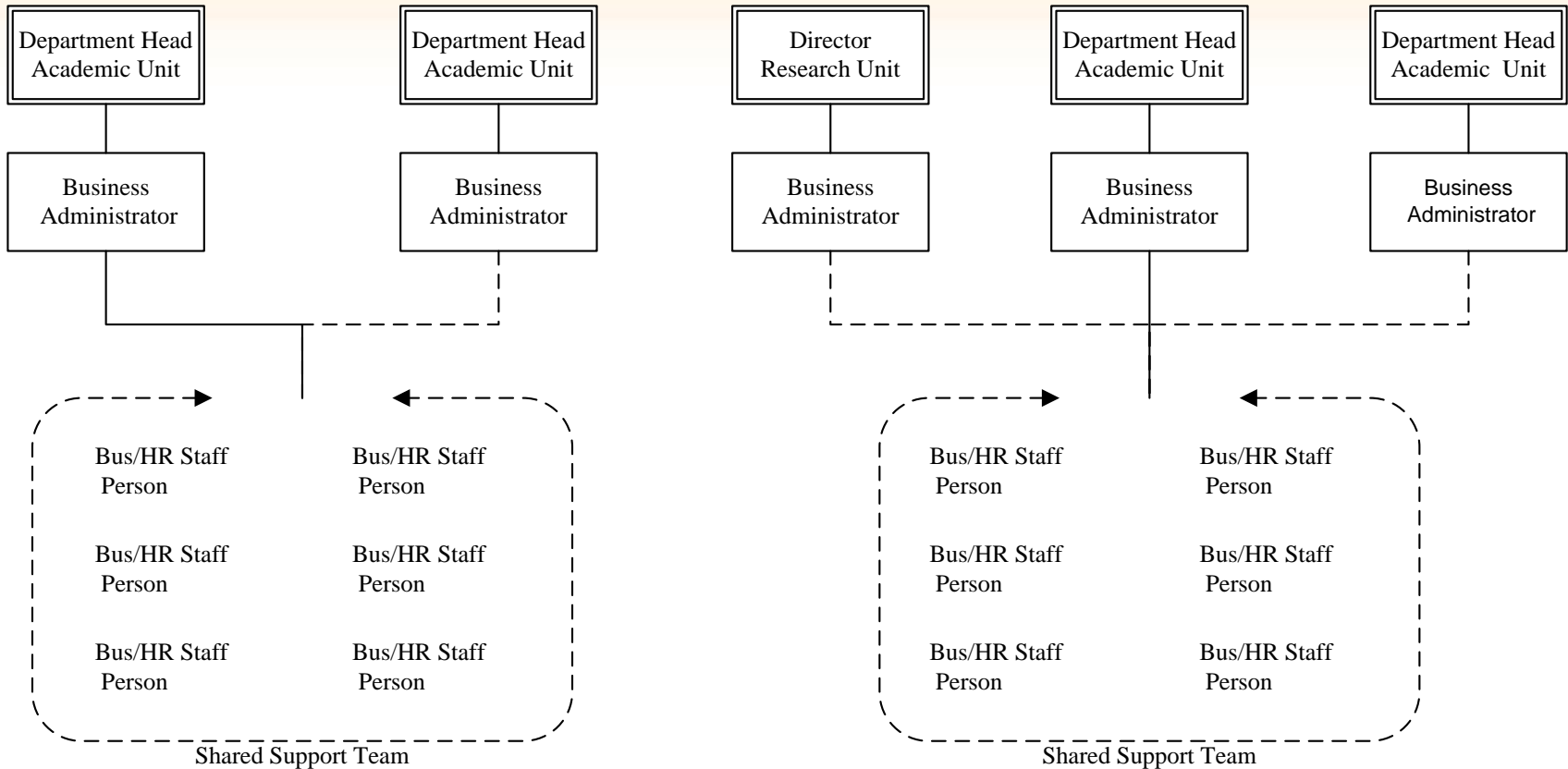
What can be shared?

Finance/Accounting	Shared	Unit	Comments
Self-supporting Accounting	X		Nearly all of these functions could be shared.
Travel & Expense Reimbursements		X	In unit due to proximity to and knowledge of faculty and students.
Journal Voucher Processing	X		Many types of transactions could be processed in a shared setting.
Fund Reconciliations		X	Requires unit specific knowledge.
Property Accounting	X		Most of the related tasks could be handled in a shared manner.
Budget Transfers		X	Requires unit specific knowledge.
Gift accounting		X	Requires unit specific knowledge. No significant volume of work.
Ad-hoc Financial Reporting	X		Clear and unanimous support for sharing this function.
Purchasing			
P-Card	X	X	Issue w/documentation for reconciliations. Dept card manager -> central
Petty Cash and Advances		X	Not much effort here.
Web-Cat		X	Not much effort here.
i-Buy	X	X	Most departments do not use. May be an opportunity to standardize.
Banner requisitions	X	X	Initial request would need to be in unit. Remaining tasks could be shared.
Sponsored Program Administration			
Proposal budget preparation & processing	X	X	Large multi-investigator, multi-disciplinary proposals prep could be shared.
Grants Management		X	Clear and unanimous support for retaining this function in the unit.
Human Resources			
Payroll & Leave Reporting	X		Pay adjustments could definitely be shared.
Appointments	X		Clear and unanimous support for sharing this function.
New Hires	X	X	Offer and acceptance should remain in unit. Other tasks can be shared.
Searches	X	X	New Applicant Tracking System may facilitate common processes.
Visa Processing	X		Clear and unanimous support for sharing this function.
Non-Business/HR Services			
Safety & Compliance	X		Clear and unanimous support for sharing this function.
Unit Security Contacts	X		Clear and unanimous support for sharing this function.
Facility Management	X		Clear and unanimous support for sharing this function.

Factors to Consider for Partnering Arrangements

1. Physical proximity of the units
2. Type of research that is performed (primarily experimental or primarily theoretical)
3. Natural affinities due to the academic nature of programs
4. Inter-personal relationships among departments and staff
5. Centers of excellence (some units may perform certain service better than others)

Possible Shared Support Structure



Some Conclusions

- Smaller departments have no capacity for absorbing additional work
- HR functions generally can be moved into a shared support center
- Most accounting and grant administration functions thought best to be in units
- Purchasing activities could be consolidated with efficiency gains with the right IT infrastructure in place
- Clear need for facilities, safety and some IT support from a shared resource
- Partnering arrangements could be beneficial:
 - Large with small
 - Physical location
 - Similar work