

# Budget and Planning Process

# Fostering a Budget and Planning Relationship

UHSA/UH Goals:

- Extending the budget and planning process toward business intelligence
- Creating a more agile, holistic tool to facilitate the functional dynamics and establish interconnectivity

# Steady Progression

- Established a business intelligence tool set with the FY2005 Hyperion purchase
- Staffed and trained an internal support group
- Developed a series of financial and student reports including general ledger, budget, AFR schedules and SCH/SCL

# Exploring Hyperion Budget & Planning

## Keeping it in the family

- Existing in-house skillset to support it
- Leveraging existing data warehouse operation (platform, Hyperion Essbase, Foundation)
- No change to current financial system (PSGL) with delivered interface and drill-back feature
- Provides desired functionality

# Moving Beyond BDM

- Budget Preparation (BDM)
  - Data entry mechanism
  - Report production
- Budget and Planning (Hyperion)
  - Multiple scenario, forecasting and analytical ability
  - Facilitates financial information flow and analysis up and down the decision-making hierarchy (workflow)
  - Write-back feature/interaction with our ERP system and Excel
  - Provides necessary security and controls (i.e. check totals) with flexibility
  - Performance (apparent speed to users, control over calculations)

# Budget System Requirements

- Salary planning across cost centers
- Annotation/line-item detail
- Consolidation & distribution
- Easy to add additional units, cost centers, natural classifications
- Be able to tag data with attributes (e.g. fund type, level of restriction)
- Be able to report dynamically
- Be able to handle Fund Accounting
- Ability to do “what-if?” analysis
- Versioning


# Stanford University's Use of Oracle Systems

- Oracle ERP Systems (combination EBS and PeopleSoft)
- Hyperion System 9 BI+ as interface into Data Warehouse
- Hyperion Planning and Budget

# Stanford University Model

## Budget Analysis & Reporting using Hyperion: "cross-tab" views

Years: FY09 PTA: PAAA



Stanford University  
Humanities and Sciences (PAAA)  
FY09 YearTotal  
HYB 200 Consolidated Report by Award Type Budget Office Format

	Operating Budget	Auxiliary	Service Center	Designated	Expendable	Endowment	Federal G&C&C	Non-Federal	University Research	Total
<b>Revenue (based on Award Owning Org)</b>										
▶ 40001 Student Income	-	265,129	-	-	-	-	-	-	-	265,129
▶ 41001 Sponsored Research Support	-	-	-	-	-	-	69,108,702	18,375,670	-	87,484,372
▶ 42001 Healthcare Services	-	-	-	-	-	-	-	-	-	-
▶ 43001 Gift Revenue	-	-	-	-	9,133,654	-	-	-	-	9,133,654
▶ 45001 Endow Inc Alloc	-	-	-	-	-	145,475,680	-	-	-	145,475,680
▶ 44001 Investment Income	-	-	-	-	-148,470	1,832,141	-	-	-	1,743,671
▶ 0TRIn Other External income	-	3,148,455	138,556	3,317,216	175,709	-25,933	-	-	-	6,754,003
▶ 48Inf Interdept Infrastructure chrg	-	-	-	-265,377	4,096	-	-	-	-	-261,281
▶ 480tr Internal Income Other	-	-	5,950,049	161,163	11,055	-	-	-	-	6,122,267
▶ 49601 NT Assts Rlsd Fr Rstr	-	-	-	-	-	-	-	-	-	-
<b>400RV Revenues</b>	-	<b>3,413,584</b>	<b>6,088,605</b>	<b>3,213,001</b>	<b>9,176,045</b>	<b>147,341,889</b>	<b>69,108,702</b>	<b>18,375,670</b>	-	<b>-256,717,496</b>
<b>Transfers (based on Award Owning Org)</b>										
▶ 49Gen General Funds Transfer	133,249,772	-	-	-	-	-	-	-	-	133,249,772
▶ 490TR Other Transfers	103,679,192	824,043	-	19,569,827	-426,822	-115,916,832	-	-	5,295,934	13,025,341
▶ 49700 ISC on Transfers and Recovery	-	-	-	-	-251,030	-9,129,115	-	-	-	-9,380,145
<b>49001 Transfers</b>	<b>236,928,963</b>	<b>824,043</b>	-	<b>19,569,827</b>	<b>-677,852</b>	<b>-125,045,947</b>	-	-	<b>5,295,934</b>	<b>136,894,968</b>
<b>Total Revenue &amp; Transfers</b>	<b>236,928,963</b>	<b>4,237,627</b>	<b>6,088,605</b>	<b>22,782,828</b>	<b>8,498,192</b>	<b>22,295,942</b>	<b>69,108,702</b>	<b>18,375,670</b>	<b>5,295,934</b>	<b>393,612,468</b>



# Stanford University Model Consolidation & Distribution

Preview User Point of View

Members

Available: PTA (1-20 of 23) >>

Find: Name \* Use Wildcards

Rows Per Page: 20

Name

- PTA
  - Stanford University
    - Consolidated Bottom-Up Pre-Adjustment
      - Academic Units
        - AGBS Hoover Institution (AGBS)
        - AHYA SLAC (AHYA)
        - FDLI Vice Provost for Undergraduate Education (FDLI)
        - JAAA University Libraries & Acad IR (JAAA)
        - MAAA Vice Prov and Dean of Rsrch and Grad Policy (MAAA)
        - PAAA Humanities and Sciences (PAAA)
        - RAAA School of Engineering (RAAA)
        - TAAA School of Earth Sciences (TAAA)
        - TFAA School of Education (TFAA)
        - TMVZ School of Law (TMVZ)
        - UAAA Graduate School of Business (UAAA)
        - UMAA Vice Provost for Graduate Education
        - VAAA School of Medicine (VAAA)
      - Administrative Units
      - Auxiliary Units
      - University General

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The system has an organizational outline/hierarchy that facilitates drill-down and drill-up

# Stanford University Model



## Stanford University Stanford University YearTotal

### HYS 21 FY11 Consolidated Variance Report\_brief (all except Agency, Pending Gifts & Receivable)

	FY11 Booked Budget	FY11 Actual	Variance \$	Variance %	FY12 Booked Budget
	A	B	B minus A		
<b>Revenue (based on Award Owning Org)</b>					
Student Income	679,637,786	138,799,383	-540,838,403	-80%	706,458,483
Sponsored Research Support	1,148,681,744	1,247,852,573	99,170,829	9%	1,387,177,246
Gift Revenue	134,633,422	238,335,501	103,702,078	77%	231,013,128
Endowment and Investment Income	893,584,982	878,404,660	-15,180,322	-2%	994,027,855
Internal Revenue	280,134,542	265,363,411	-14,771,130	-5%	296,149,901
Other Income	945,876,458	914,669,232	-31,207,226	-3%	977,020,143
<b>Total Revenue</b>	<b>4,082,548,935</b>	<b>3,683,424,760</b>	<b>-399,124,175</b>	<b>-10%</b>	<b>4,591,846,756</b>
<b>Transfers (based on Award Owning Org)</b>					
General Funds Transfers	-66,781,951	871,732,738	938,514,689	1,405%	-287,724,543
Other Operating Transfers*	95,546,262	-34,225,390	-129,771,652	-136%	334,070,077
<i>*Includes InterUnit Fund Appropriations</i>					
<b>Total Operating Transfers</b>	<b>28,764,311</b>	<b>837,507,348</b>	<b>808,743,036</b>	<b>2,812%</b>	<b>46,345,534</b>
<b>Total Revenue and Operating Transfers</b>	<b>4,111,313,246</b>	<b>4,520,932,107</b>	<b>409,618,861</b>	<b>10%</b>	<b>4,638,192,290</b>
<b>Expenses (based on Task Owning Org)</b>					
<b>Compensation Expenses</b>					
Salary and Wages Academic	687,284,784	692,757,630	-5,472,846	-1%	742,467,000
Salary and Wages Student RA & TA	83,308,949	79,783,867	3,525,082	4%	86,223,370
Other Salary Expense	812,755,183	794,245,517	18,509,666	-2%	859,279,947
<b>Subtotal - Salaries</b>	<b>1,583,348,916</b>	<b>1,566,787,014</b>	<b>16,561,902</b>	<b>-1%</b>	<b>1,687,970,317</b>

# Stanford University Model

## **What Stanford gained: the benefits**

- A dynamic, yet controlled, system
- Better control over integrity of metadata
- Much greater ability to monitor the budget along the way
- Better budget process management
- Greater flexibility in report design
- Better ability to analyze & report on Consolidated Budget
- Allowing users still to use Excel as they feel appropriate