



**Dean's Dashboard [BETA]**

**Product Vision**

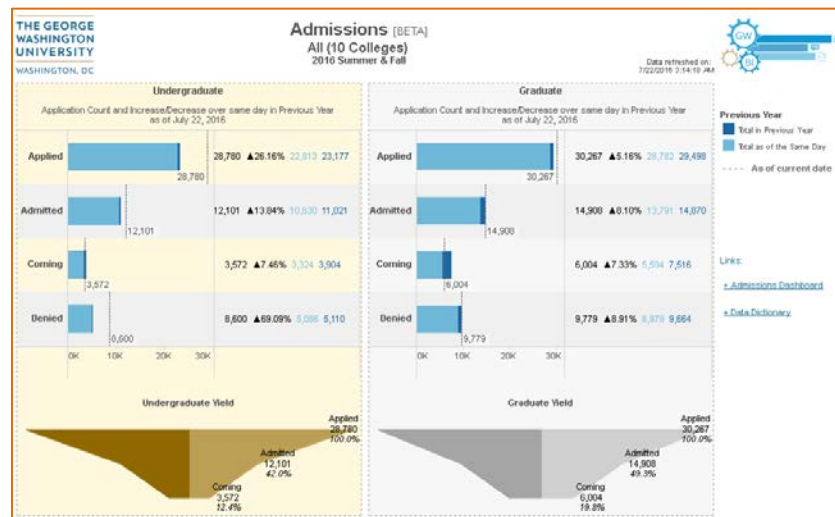
- For:* Deans
- Who:* Would like to manage their Colleges effectively
- The:* Deans Dashboard
- Is:* A set of visualizations delivered via email on a weekly basis
- That:* Provide key information and metrics
- Unlike:* Compiling data from different sources and merging them together in spreadsheets
- This Product:* Can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse

The **Dean's Dashboard** is a collection of several high-level metrics from different business areas across the University (eg. Enrollment, Research, Finance, HR, Fund Raising). Subscribers receive it via email at the beginning of every week containing the most current data in the data warehouse.

Each user will have a different view of the dashboard depending on his/her college affiliation or position at the University. If the user is affiliated with a specific college, then only metrics for the College will be shown. If the user has a role that can see across all 10 colleges, then the metrics are aggregated for all the 10 colleges.

The user can choose to click on any of the visualizations on the email and be redirected to the server where interactivity is allowed and links to other visualizations with more detail are provided.

- o **Admissions** - The Admissions tab of the Dean's Dashboard provides a high-level view of the Admissions activity of a College. It shows 4 metrics: Application Count as of the current date, Application Count as of the same day in the previous year, the Increase or Decrease between those counts, and Total Applications in the previous year. These metrics are shown for 4 admission statuses - Applied, Admitted, Coming and Denied.



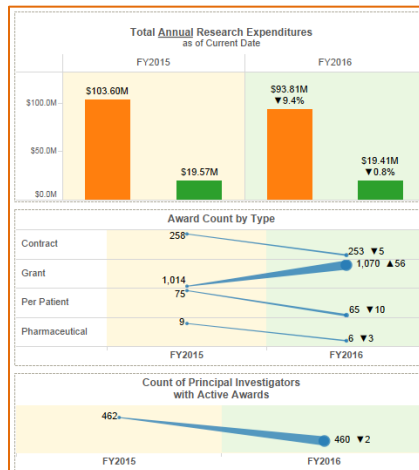
(sample screen shot)

- o **Projected Revenue for Undergraduate courses** - The Undergrad Revenue tab of the Dean's Dashboard is a projection of revenues that the College will make based on the cost per credit (determined by the Budget Office) and the number of undergraduate credits taught by the College. It also compares the number of credits in the current fiscal year with the number of credits in the previous fiscal year by Department and by Budget Campus.





- **Research expenditures** - Shows metrics related to research: Total Expenditures and Indirect Costs as of the same period in the year, Total Expenditures and Indirect Costs by Fiscal Year, Award Count by Fiscal Year, and Count of PIs with active awards by Fiscal Year.



(sample screen shot)

- **General Ledger Revenues & Expenditures** - Shows the income statement items for the 10 Colleges: Actuals vs Annual Budget for the current and previous Fiscal Years for Revenue, the Top 3 Compensation Expenditures, and Non-Compensation expenditures.

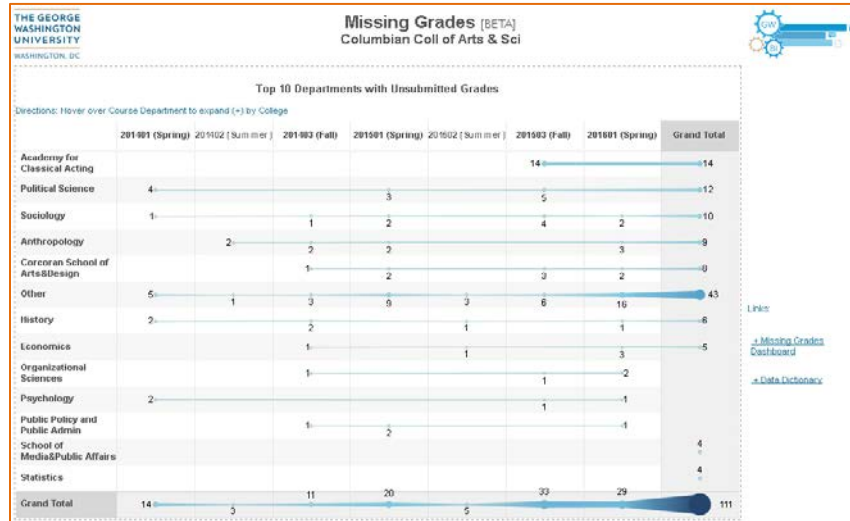
Non-Compensation Expenditures	YTD Actual *	Annual Budget	[ % of Budget ]	Prior Yr Actual *	% Diff YTD vs Prior Yr Actual
PURCH SERVICES	\$73,753,098	\$73,237,581	[ 100.7% ]	\$65,903,272	▲10.6%
OTHER	\$14,690,943	\$16,518,251	[ 88.9% ]	\$16,192,373	▼10.2%
INTERDEPT ASSESS	\$13,037,276	\$15,745,965	[ 82.8% ]	\$15,126,221	▼16.0%
TRAVEL AND TRAINING	\$11,426,565	\$14,383,355	[ 79.4% ]	\$12,317,264	▼7.8%
SCHOL AND FELLOW	\$9,807,473	\$8,895,682	[ 110.2% ]	\$10,075,414	▼2.7%
OCCUPANCY	\$7,985,328	\$11,431,552	[ 69.9% ]	\$8,031,815	▼0.6%
EQUIPMENT EXP	\$5,110,571	\$7,113,792	[ 71.8% ]	\$4,809,934	▲5.9%
SUPPLIES	\$4,456,537	\$6,609,834	[ 67.4% ]	\$5,013,220	▼12.5%
COMMUNICATIONS	\$768,525	\$1,037,692	[ 74.1% ]	\$855,063	▼11.3%
BAD DEBT EXP	\$71,810	\$23,000	[ 312.2% ]	\$75,762	▼5.5%
Grand Total	\$141,108,126	\$154,996,704	[ 91.0% ]	\$138,400,339	▲1.9%

(sample screen shot)

- **Employee Profile** – Provides a count of active employees in the College and its composition (tenure, full-time status and location). It also provides the amount spent for Overtime pay in the College for the current and previous fiscal years.

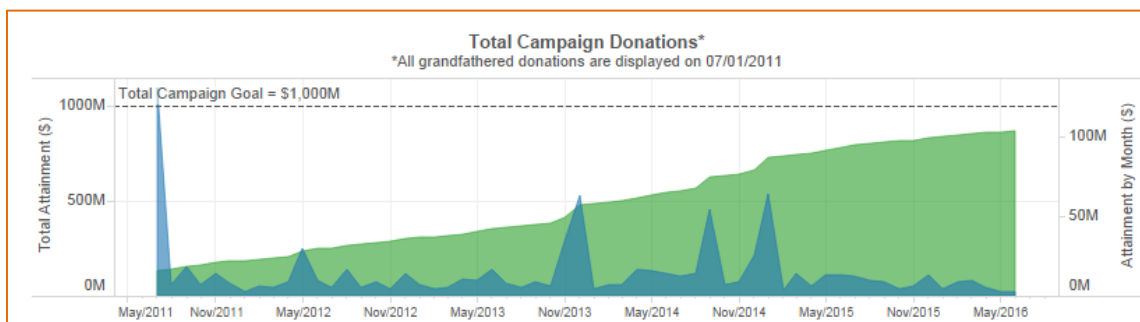


- o **Missing Grades** - The Missing Grades tab of the Dean's Dashboard shows the top 10 departments in the College with the highest number of unsubmitted grades for the last 7 terms.



(sample screen shot)

- o **Annual Attainment** - The Annual Attainment / Cash Received dashboard provides a summary view of fundraising metrics by fiscal year. This dashboard further differentiates between Total Attainment (commitments and outright gifts) and Cash Received (outright gifts and payments on existing commitments). Additionally, this dashboard displays summary total for different allocation uses within the current fiscal year.
- o **Campaign Performance** - The Campaign Performance dashboard provides a summary view of fundraising metrics during the 'Making History' campaign. This dashboard allows the user to compare a running total of dollars raised against month-by-month performance. Additionally, it segregates donation values by Campaign Pillar, Campaign Use, and Entity Type. All metrics shown on this dashboard are subject to the defined campaign counting rules.



(sample screen shot)

**Availability:**

- Available for authorized users in the 10 colleges, Provost's office and EVP&T: [Dean's Dashboard](#)





**Division Dashboard [BETA]**

**Product Vision**

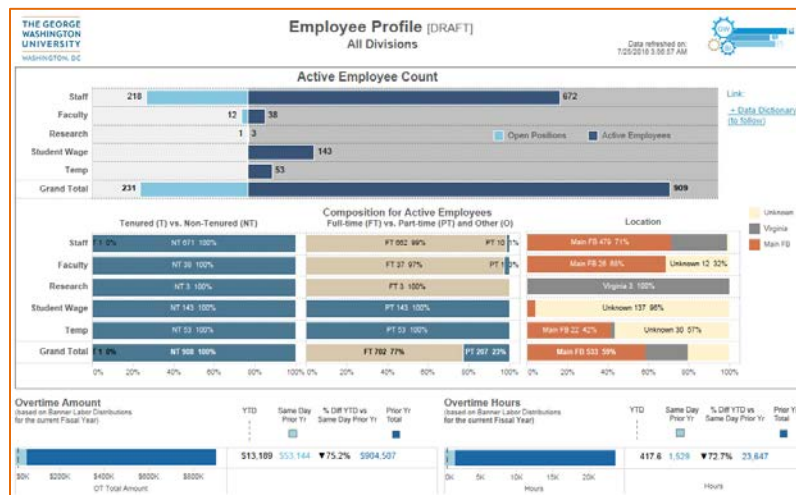
- For:* Division executives
- Who:* Would like to manage their divisions effectively
- The:* Division Dashboard
- Is an:* Interactive and visualization tool
- That:* Provides key information and metrics
- Unlike:* Compiling data from different sources and merging them together in spreadsheets
- This Product:* Can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse

The **Division Dashboard** is similar to the Dean’s Dashboard except that it does not include metrics for the academic side. It only includes Research, Finance, HR, and Fund Raising. Subscribers receive it via email at the beginning of every week containing the most current data in the data warehouse.

Each user will have a different view of the dashboard depending on his/her division or position at the University. If the user is affiliated with a specific division, then only metrics for the division will be shown. If the user has a role that can see across all divisions, then the metrics are aggregated for all the divisions included in the dashboard.

The user can choose to click on any of the visualizations on the email and be redirected to the server where interactivity is allowed and links to other visualizations with more detail are provided.

- **Research expenditures** - Shows metrics related to research: Total Expenditures and Indirect Costs as of the same period in the year, Total Expenditures and Indirect Costs by Fiscal Year, Award Count by Fiscal Year, and Count of PIs with active awards by Fiscal Year.
- **General Ledger Revenues & Expenditures** - Shows the income statement items for Divisions: Actuals vs Annual Budget for the current and previous Fiscal Years for Revenue, the Top 3 Compensation Expenditures, and Non-Compensation expenditures.
- **Employee Profile** – Provides a count of active employees in Divisions and its composition (tenure, full-time status and location). It also provides the amount spent for Overtime pay for the current and previous fiscal years.

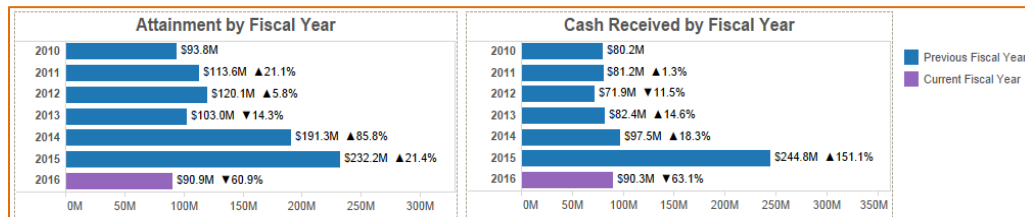


(sample screen shot)





- **Annual Attainment** - The Annual Attainment / Cash Received dashboard provides a summary view of fundraising metrics by fiscal year. This dashboard further differentiates between Total Attainment (commitments and outright gifts) and Cash Received (outright gifts and payments on existing commitments). Additionally, this dashboard displays summary total for different allocation uses within the current fiscal year.



(sample screen shot)

- **Campaign Performance** - The Campaign Performance dashboard provides a summary view of fundraising metrics during the 'Making History' campaign. This dashboard allows the user to compare a running total of dollars raised against month-by-month performance. Additionally, it segregates donation values by Campaign Pillar, Campaign Use, and Entity Type. All metrics shown on this dashboard are subject to the defined campaign counting rules.

**Availability:**

- Available for authorized users in divisions and EVP&T: [Division Dashboard](#)





## GW Crime Trends and Locations

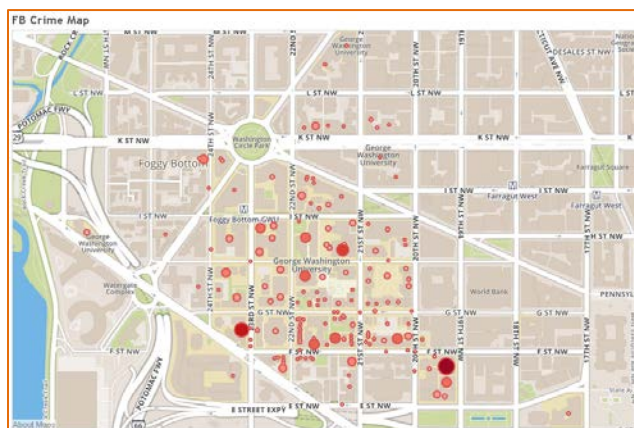
### Product Vision

- For:* The Office of Safety and Security (OSS) and the University Police Department (UPD)  
*Who:* Desire a simple way to access, use, and understand service and crime trends on campus  
*The:* GW Crime Trends and Locations  
*Is an:* Integrated source of campus crime data  
*That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways  
*Unlike:* List based detail reports  
*This Product:* Will be easy to use, visual, automatically updated, secured, and certified

### New Features:

The **GW Crime Trends and Locations** is an interactive tool which provides The Office of Safety and Security and UPD with an intuitive format to visualize and understand trends in UPD Crime and service calls. Developed by BIS using data from the ARMS system, the GW Crime Trends and Locations is displayed in multiple contexts with filters for *Time Period, Case Type, Crime Class, Crime, and Building*:

- **Trend by Year** – Provides the year over year trends for Crime Enforcement and Service Calls answered by the UPD.
- **Annual Trend** – Displays calls mapped to the month to provide a visual indication of annual points of high and low activity.
- **30 Most Active Days** – Identifies the top 30 most active days to identify highest activity days within the calendar year.
- **Weekday and Time** - Displays calls mapped to the hour and day to provide a visual indication of weekly points of high and low activity.
- **Top 25 Crimes/Service Calls** - Identifies the top 25 most active Crimes/Service calls across the data set
- **GW Crime Locations** - Displays calls on a map for each campus to provide a visual indication of locations of high activity.



(sample screen shot)

The GW Crime Trends and Locations displays data extracted from the ARMS system at the close of every business day. The Office of Safety and Security and the UPD are the primary users of this dashboard.

### Availability:

- Available to authorized users in UPD and in the Office of Safety and Security: [GW Crime Trends](#)





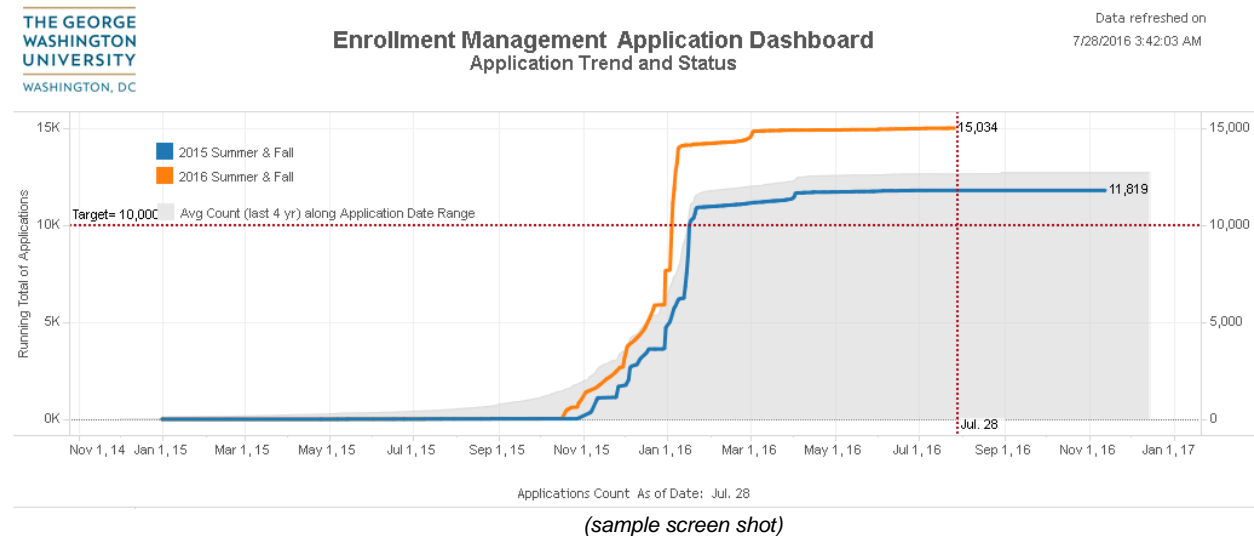
## Enrollment Management Dashboard

### Product Vision

- For:** Enrollment Decision Makers  
**Who:** Would like to understand and access Enrollment information easily  
**The:** Enrollment Management Dashboard  
**Is an:** Interactive and visualization tool  
**That:** Provides key information and metrics  
**Unlike:** Compiling data from different sources and merging them together in spreadsheets  
**This Product:** Can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse

### Modifications to Features:

- The following improvements were made to the existing Enrollment Management Admission Dashboard to more accurately report the number of student applications.
  - The count of applications now takes into consideration the different stages it goes through as time goes on. Previously, only the final admission decision status was considered.
  - New decision codes were added to Banner to track applicants who have committed to come but have not enrolled (called Melt) and those who have not formally accepted their admission offer. These are now reflected in the Admission Dashboard.
  - Melt for undergraduate and graduate are now represented separately.



### Availability:

- Available for authorized users in Enrollment Management: [Enrollment Management Dashboard](#).





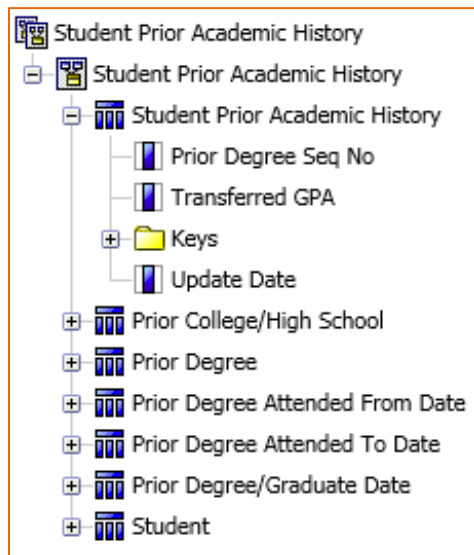
## Student Admission Decision Center

### Product Vision

- For:* Admission Decision Makers  
*Who:* Would like to understand and access student admission information easily  
*The:* Student Admission Decision Center  
*Is an:* Integrated source of student admission data  
*That:* Provides easy to use information that can be consumed in multiple ways (reports, dashboards, etc)  
*Unlike:* Compiling data from different sources and merging them together in spreadsheets  
*This Product:* Will be easy to use, automatically updated and certified

### New Features:

- **Student Prior Academic History**
  - This new data source provides an applicant's academic history prior to coming to GW. It includes all schools that an applicant attended -- the institution name (college or high school), degree, attendance dates, graduation dates, and GPA.



### Availability:

- Available for authorized users in Admissions: [gsource.gwu.edu](http://gsource.gwu.edu)





## Human Resources (HR) Decision Center

### Product Vision

- For:* GW HR Decision Makers
- Who:* Desire a simple way to access, use, and understand Human Resources Information
- The:* HR Decision Center
- Is an:* Integrated source of Human Resources data
- That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Cubes, Dashboards, etc...)
- Unlike:* SQL reports and manual spreadsheets
- This Product:* Will be easy to use, visual, automatically updated, secured, and certified

### New Features:

- **Benefits Fact Table \***
  - This fact table in the HR Decision Center allows power users in HR and Payroll to create reports that measure benefit amounts at the University. By using employee benefit code and employee benefit indicator, benefit amounts can be determined by the calculation rule assigned to the benefit/deduction by employee and employer.
- **Non-Payroll Labor Distribution Fact Table \***
  - This fact table in the HR Decision Center brings in all pay date occurrences of non-Payroll data activity (eg. Retirement Plan Contributions, FICA Contributions, Health Insurance, etc.) to be used for reporting and analysis.
- **I-9 Published Data Source (Tableau) \*\***
  - A data source has been created for HR Information Systems (HRIS) in order for them to build the Quarterly I-9 Compliance dashboard which shows the number of employees with delinquent I-9's (form used by the USCIS to verify an employee's identity and establish that the worker is eligible to accept employment in the United States).



(sample screen shot of the I-9 Compliance dashboard developed by HRIS)

### Availability:

- \* Accessible to authorized users in the data warehouse: [gsources.gwu.edu](http://gsources.gwu.edu)
- \*\* Accessible to authorized users in Tableau.





**Advancement Decision Center**

**Product Vision**

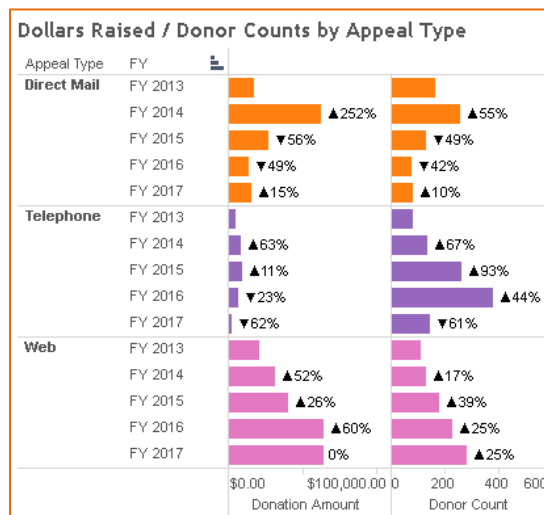
- For:* GW Development and Alumni Relations Decision Makers
- Who:* Desire a simple way to access, use, and understand Advancement Information
- The:* Advancement Decision Center
- Is an:* Integrated source of Advancement data
- That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways
- Unlike:* Cognos reporting from Ellucian Advance
- This Product:* Will be integrated with other GW ERP data, easy to use, visual, automatically updated, secured, and certified

**New Features:**

The **Annual Giving Dashboard** is an interactive tool which provides Development and Alumni Relations (DAR) staff with an intuitive format to report on Annual Giving metrics. Developed by the DAR Technical Services group using data from the Advancement Decision Center, the Annual Giving Dashboard is displayed in three contexts:

- **Direct Marketing** – Provides reporting and data analysis tools on mass-marketing solicitations. Solicitations are displayed by funds raised, donor counts, solicitation types, annual comparisons, and return on investment.
- **Annual Giving Performance** – Displays summary metrics of current-use donations under \$50,000. These metrics highlight funds raised, donor counts, donation ranges, initiatives, donor types, and individual university allocation performance.
- **Donor Retention** – Tracks rates at which entities continue to donate in consecutive years. Shown annually for all donors and specifically for alumni donors by generation, this displays the number and rate of donors that give in multiple years.

The Advancement Decision Center consists of data extracted from the Advancement system at the close of every business day. The Development and Alumni Relations Office (Development Officers, Alumni Relations, Advancement Services and the DAR Executive Team) are the primary users of the Decision Center.



(sample screen shot)

**Availability:**

- Available through Ellucian Advance (requires authentication): [Ellucian Advance](#)





## Principal Investigators (PI) Dashboard

### Product Vision

<i>For:</i>	<i>Principal Investigators</i>
<i>Who:</i>	<i>Would like to manage their awards</i>
<i>The:</i>	<i>PI Dashboard</i>
<i>Is an:</i>	<i>Interactive visualization tool</i>
<i>That:</i>	<i>Provides key information and metrics</i>
<i>Unlike:</i>	<i>Compiling data from different sources and merging them together in spreadsheets</i>
<i>This Product:</i>	<i>Can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse</i>

### Added Features:

- **PI at the time of the Expense**
  - In order to more accurately report expenses and indirect costs by PI, the PI at the time of the expense has been added to the data structure that holds actual expenditures. This was added in order to give credit to every PI who has worked on the award.
- **Salary Cap Report [BETA]**
  - Developed for the Office of the Vice President for Research (OVPR) and Grants and Contracts Accounting Services (GCAS), the Salary Cap reports all employees working on grants who are currently getting paid above the above the sponsor-imposed salary cap. [By law, no grant funds may be used to pay an individual working on a US Department of Health and Human Services funded project at a rate in excess of the Federal Executive Level II Pay Scale. Some non-federal agencies have also started imposing either their own or the DHHS salary cap within their award terms and conditions.]
  - The Salary Cap report can be filtered on Posting Date, PICT Code, Pay number, Funding Source Description, Prime Sponsor, Project Number and Employee.
  - Only available for users in OVPR and GCAS.

### Availability:

- Accessible to authorized users in the data warehouse: [gsource.gwu.edu](http://gsource.gwu.edu)





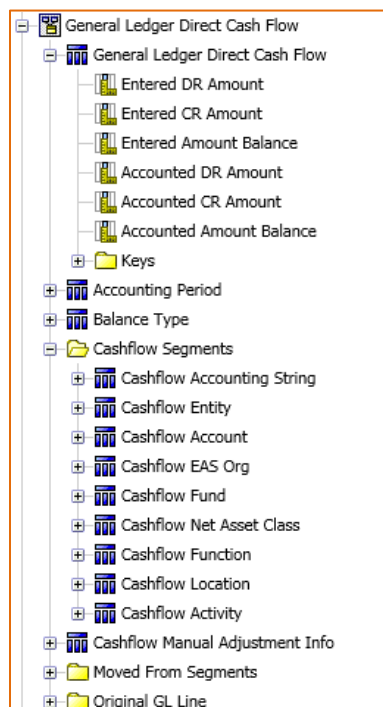
## General Ledger (GL) Decision Center

### Product Vision

- For:* GW Financial Decision Makers  
*Who:* Desire a simple way to access, use, and understand General Ledger Information  
*The:* General Ledger Decision Center  
*Is an:* Integrated source of General Ledger data  
*That:* Provides easy to use information that spans multiple years and can be consumed in multiple ways (Reports, Cubes, Dashboards, etc...)  
*Unlike:* The GL-329 Cube  
*This Product:* Will be dimensional at the detail level, automatically updated, secured, and certified

### New Features:

- **GL Direct Cash Flow Fact Table**
  - This new data source in the GL Decision Center was custom built for power users in Finance to create reports for senior management to help manage operations and forecast the liquidity needs of the University. Reports will be created to gain insight into the amount of cash inflows and outflows each period; break down of cash between operating, investing and financing activity; and the detail of cash inflow/outflow by type (eg. cash coming in from student tuition, program funds, contributions, cash going out for compensation, interest expense and other expenses).



### Availability:

- Available for authorized users in Finance: [gsource.gwu.edu](http://gsource.gwu.edu)





**GCAS Dashboard**

**Product Vision**

- For:* GW's **Grants and Contracts Accounting Staff and Decision Makers**
- Who:* *Would like to manage the awards accounting process*
- The:* *GCAS Dashboard*
- Is an:* *Interactive and visualization tool*
- That:* *Provides key information and metrics*
- Unlike:* *Compiling data from different sources/reports and merging them together in spreadsheets*
- This Product:* *can be accessed online or on mobile devices, is secure, and pulls data from the data warehouse (primarily from PI Dashboard and GL Decision Center data)*

**New Reports:**

- **Payroll Labor Distribution Report [BETA]** – Developed for Finance's Grants and Accounting Services team, this report lists the pay per period of employees that are working on award.

GWid	Name	EAS Org Code	Ban Org Code	Banner Fund Code	Banner Account Code	Banner Program Code	Payroll ID	Pay Calendar CHK_DT	Pay Calendar BEG_DT	Pay Calendar END_DT	Transaction Date	Total Reg Hours	Total Reg Amount	Total Overtime Hours	Total Overtime Amount	Total Premium Amount	Total Leave Hours	Total Leave Amount	Total Other Amount	Total Hours	Total Amount
		111401	100502	100502	51211	SP2	2016-BW-4-1	Feb 26, 2016	Jan 31, 2016	Feb 13, 2016	Mar 7, 2016	-12	(\$445.40)	0	\$0.00	\$0.00	0	\$0.00	\$0.00	-12	(\$445.40)
							2016-BW-6-0	Mar 25, 2016	Feb 28, 2016	Mar 12, 2016	Mar 25, 2016	12	\$445.41	0	\$0.00	\$0.00	0	\$0.00	\$0.00	12	\$445.41

(sample screen shot)

- **Labor Detail Report** - Developed for Finance's Grants and Accounting Services team, this report gives the payroll detail of employees working on grants and the percent of effort they spend on an award to verify salaries and wages associated with federally sponsored agreements.

Last Name	First Name	P-T-A	Expenditure Comment	Posting Date	Earn Hours	Earn Rate	% Effort	Actual Amount
			Payroll-BW-6-A 13-mar-2015	03/31/2015	4.5	\$11.00	20%	\$49.50
			Payroll-BW-7-A 27-mar-2015	03/31/2015	2.26	\$11.00	10%	\$24.86
<b>- Total</b>					<b>6.76</b>			<b>\$74.36</b>

(sample screen shot)

**Availability:**

- Available to the Grants and Contracts Accounting Services team in the data warehouse: [gsource.gwu.edu](http://gsource.gwu.edu)





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## **Business Intelligence Services (BIS) Strategic Initiatives**

### **EAD Automated Groups Feed**

- ETL mappings were created to feed Employee and Student/Alumni data to Identity Data Management for active directory group administration. Systems that leverage the active directory can now use these groups to automate user administration.

### **Tableau Server DNS:**

- To ensure that BIS can switch to the Tableau development server should the production server go down, a DNS entry was created (<https://insight.it.gwu>).

