



Principal Investigators (PI) Dashboard Release 1.1

Product Vision

- For:* Principal Investigators
Who: Would like to manage their awards
The: PI Dashboard
Is an: Interactive 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

New Features:

- Interactive Visualizations
 - A new tab was added for **Alerts and Notifications** that notify the PI about:
 - Awards Ending within the next 90 days
 - New awards that have been created
 - Awards that have received a funding modification
 - Awards that have exceeded its budget
 - Clicking on an award in the **Alerts and Notifications** tab filters the visualization on the **Award Budget VS. Encumbered and Actual** tab.
- Summary to Detail Reports
 - A new column was added to inform the user of all notifications relating to the award.
 - ADA-Compliant colors are now available by simply toggling the control on the right-hand side panel of the report.

Modified Features:

- Interactive Visualizations
 - Based on feedback from users, the layout of visualizations on the **Award Budget VS. Encumbered and Actual** tab has been changed to allow users to see more information.
- Summary to Detail Reports
 - Based on feedback from users, the interface has been simplified so that users see the budget, encumbrance and actuals by P/T/A.

Availability:

- Accessible through OVPB's website: <http://research.gwu.edu/pi-dashboard>



General Ledger (GL) Decision Center Release 1

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:

- Actuals data from EAS GL Headers and GL Lines have been brought into the data warehouse
- Users will have the capability to analyze the data using any combination of the following:
 - Accounting String (9 segments)
 - Entity
 - Includes the hierarchy that shows where the Entity rolls up to
 - Account
 - Includes Reporting Attribute and roll-up
 - Organization as defined in EAS
 - Includes the hierarchy that shows where the Org rolls up to
 - Accounting Period

Additional Notes:

- Security has not yet been applied to this data. General Ledger Release 1 will only be made available to the Comptroller's Office.

Availability:

- Available by using Query Studio and Report Studio in Data Marts: <https://qsource.gwu.edu/>.
- In future releases, the data will be made available using Cognos Cubes (OLTP) and Tableau



Financial Directors (FD) Dashboard Release 1

Product Vision

For: Finance Directors
Who: Would like to manage their budgets effectively
The: Financial Director's 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

New Features:

- **Course Registration Dashboard**
 - Who has taken courses offered by my college in the last 5 years?
 - Provides visualizations and total count of students that have taken courses in a selected college in the last 5 years
 - Provides visualizations and totals of course credit hours taken in a selected college in the last 5 years
 - What courses have my students taken in the last 5 years?
 - Provides visualizations and counts of where a College's students have taken courses in the last 5 years
 - Provides visualizations and totals of course credit hours of where a College's students have taken courses in the last 5 years
 - Financial Directors have the ability to filter the visualizations using different attributes, such as College, Semester, Student Level, 1st major, Course Campus, and Registration Type
 - Shows the growth year-over-year
- **Student Financial Aid, Tuition and Fees Dashboard**
 - Provides visualizations and totals of Student Financial Aid, Tuition and Fees by College, by Term
 - Financial Directors have the ability to filter the data by College, Semester, Student Level, and 1st Major
 - Shows growth year-over-year
 - Note: College is based on the student's Primary Curriculum enrollment college.

Additional Notes:

- The dashboards are only being released to a limited group of Financial Directors so that they can test and verify the data.

Availability:

- Available through Tableau for users who have been granted access
 - Course Registration - https://dit-dwviz-p01.ead.gwu.edu/views/CourseRegistrationDashboard/MyCourseCompare?:embed=y&:display_count=no
 - Student Tuition and Fees - https://dit-dwviz-p01.ead.gwu.edu/views/StudentFinancialAidTuitionandFees/withoutFees?:embed=y&:display_count=no
- In the future, a page will be created for Financial Directors to navigate to and access the different dashboards.



Registrar Dashboard – Missing Grades Release 1

Product Vision

- For:* The Registrar's Office and academic departments
Who: Need to track students who have not received a final grade from the instructor
The: Missing Grades Dashboard
Is an: Interactive and visualization tool
That: Will allow them to see real-time which instructors have not submitted grades
Unlike: Pulling data directly from Banner using SQL
This Product: Will be easy to use, visual, automatically updated, and pulls data from the data warehouse

New Features:

- The missing grades dashboard provides the count of students, by College and Department, who have not received a grade from the instructor
- The dashboard **excludes** the following:
 - Law School courses ('LAW')
 - Course Sections associated with the MD program (Section 50). All other SMHS courses are included.
 - Subject codes of 'COOP', 'EXCH', 'UNIV'
 - Section numbers of 'GMU', 'GM1'
 - Schedule types of Discussion Group, Drill, Recitation, Laboratory, Field Work, Self-Paced Course
- The dashboard only includes courses that are gradable.

Additional Notes:

- The missing grades dashboard is being released to a limited group of users as determined by the Registrar's Office.

Availability:

- Available through Tableau and accessed through the Registrar's website:
<http://registrar.gwu.edu/dashboards>



Human Resources (HR) Decision Center Release 1

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:

- The following subject areas have been brought in and secured in the data warehouse:
 - o HR Payroll Labor Distribution – reflects the distribution of individual pay per period across multiple funding sources based upon NHRDIST
 - o HR Position Budget – reflects the position budget information per position based on NBRPTOT
 - o HR Position Labor Distribution - reflects the base distribution rules for position pay activity across multiple funding sources based upon NBRPLBD

Modified Features:

- Position Hierarchy - full position parent child relationship is available for each position on the position dimension table
- Employee Types – added as an attribute of Employee for ease of reporting. This groups employees into the following categories: Faculty, Student Wage, Temp, Research, Staff
- HR Reporting Unit Description – added as an attribute of Organization

Additional Notes:

- A user's access will be based on their Home Organization and Employee Class

Availability:

- Available by using Query Studio and Report Studio in Data Marts: <https://gsource.gwu.edu/>.
- In future releases, the data will be made available using Tableau



Manual Registration
Release 1

Product Vision

For: The Registrar's Office
Who: Would like to analyze the volume of manual registrations being done by their Office
The: Manual Registration fact table
Is an: Additional component of the Student Data Mart
That: Will allow them to report inefficiencies and implications of manual registrations
Unlike: Pulling data directly from Banner using SQL
This Product: Will allow them to build reports and gain insight into this process so that the number of manual registrations can be reduced in the long run

Notes:

- The Manual Registration fact brings in records from the Banner SFRSTCA table that represent transactions made using Registration Transaction Forms (RTF and RTF-EZ).
- The count of transactions by College is based on the student's Primary Curriculum enrollment College
- Visualizations for this data will be developed by the next Release and added to the Registrar's dashboard page



Other Products
Release 1

Veterans view and Dashboard

- A data source that has been created to create the Veterans Dashboard using Tableau

Travel and Expense

New Features:

- A new field, Revised Merchant Code, has been created in TEDM that is derived from an external file from Procurement. The Vendor Name and the Payment Type of the external file are compared to the source file and if a Revised Merchant Code is present then it is populated in the new field. This will allow for more accurate vendor grouping.

Availability:

- Available by using Query Studio and Report Studio in Data Marts: <https://gsource.gwu.edu/>.
- Available through Tableau for users who have been granted access

Student Enrollment view

- A data source for Tableau that provides an aggregated view of Student Enrollment, similar to the Student Enrollment Cube that is found in Data Marts