Enrollment Management Dashboard

Product Vision

For: Enrollment Decision Makers
Who: Would like to understand an 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

1. Application Dashboard

   This visualization shows enrollment decision makers the status of applications as of a date they select. The count of applications is then compared against three historical numbers: applications from the previous year, the average number of applications for the last 4 years, and a target. Users can then assess whether applications are above or below target. They will also be able to see the year-over-year growth over 5 years.

   Additional features:

   Application Details – provides the detail behind the Application dashboard. Lists the number of applications/applicants by student level, college, major, degree, admission type, student type, gender, ethnicity

<table>
<thead>
<tr>
<th>Student Level</th>
<th>College</th>
<th>Major</th>
<th>Degree</th>
<th>Admission Type</th>
<th>2010 Fall</th>
<th>2011 Fall</th>
<th>2012 Fall</th>
<th>2013 Fall</th>
<th>2014 Fall</th>
<th>2015 Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate 02</td>
<td>SON</td>
<td>Family Nurse Practitioner - BSN</td>
<td>Doctor of Nursing Practice</td>
<td>New Applicant</td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>6</td>
<td>23</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>External Transfer</td>
<td>0</td>
<td>1</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Internal Transfer</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>New Applicant</td>
<td>2</td>
<td>13</td>
<td>117</td>
<td>170</td>
<td>232</td>
<td>161</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Prof/Associate Certificate - 116</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Regular Transfer</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>New Applicant</td>
<td>0</td>
<td>27</td>
<td>21</td>
<td>14</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>163</td>
<td>150</td>
<td>198</td>
<td>248</td>
<td>243</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>163</td>
<td>150</td>
<td>198</td>
<td>248</td>
<td>243</td>
</tr>
</tbody>
</table>

(sample screen shot)
Count by Year – count of applications/applicants by academic year

Cumulative Decision Status Year-over-Year Growth – Visually breaks down the status of applications by date so users can compare how many have been admitted, coming, denied, etc.

Users have the ability to interact with the visualization using a number of different filters:
- Option to count by number of applications or by the number of applicants
- Ability to pick a term of interest (eg. 201503, 201601, etc)
- Specify an “Applications as of” date
- Specify a target number of applications or applicants.
- Select College/s, Degree/s, Major/s, Student Level/s, Student Type/s, Admission Type/s, Gender, Ethnicity, Application Location/s, Campus/es
**Diversity of Admitted Students** — Shows the Gender and Ethnicity composition of Applicants by admission status (Applied, Admitted and Coming). It also shows the percentage increase or decrease over the previous year's term.

### Admission Diversity Dashboard

**Student Gender Composition for College: All, Level: All, Ethnicity: All**

Please click on the icon of gender to see the detail for each gender, or click on the bar to see the detail for each ethnicity.

<table>
<thead>
<tr>
<th></th>
<th>2015 Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied</td>
<td></td>
</tr>
<tr>
<td>Admitted</td>
<td></td>
</tr>
<tr>
<td>Coming</td>
<td></td>
</tr>
</tbody>
</table>

### Ethnicity Composition for Gender: All

<table>
<thead>
<tr>
<th>Gender</th>
<th>2015 Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied</td>
<td>42%</td>
</tr>
<tr>
<td>Admitted</td>
<td>48%</td>
</tr>
<tr>
<td>Coming</td>
<td>50%</td>
</tr>
</tbody>
</table>

**Ethnicity**
- White
- Nonresident alien
- Asian
- Black or African American
- Race/Ethnicity unknown
- Hispanic or Latino
- Two or More Race Codes
- American Indian or Alaska Native
- Native Hawaiian or Other Pacific

*(sample screen shot)*

**Availability:**

- Available for authorized users in Enrollment Management: [Enrollment Management Dashboard](#).
2. Withdrawal All Courses [BETA]

- This visualization, developed for the Registrar’s Office, shows the number of students who dropped ALL courses, when it occurred (Activity Date) and when it took effect (Effective Date). These dates are then plotted against the start of term, the drop deadline, the withdrawal deadline, and the end of term.
- These visualizations show the effect of back-dating course withdrawals (i.e., giving students full refunds even after drop deadline). The demographics visualization (bottom) shows the GPA profile of students who are dropping all courses.
- It can be filtered by term, college, degree, major, student level, student type, student campus.

Availability:
The BETA version is available for authorized users in Enrollment Management: Student Enrollment – Withdrawal All Courses
3. Admission Checklist

- Developed for Admissions, the Admission Checklist package allows users to view what requirements have been submitted by an applicant in addition to the applicant’s High School, counselor and the application status.

<table>
<thead>
<tr>
<th>Student ID (Full)</th>
<th>Apply Term Code</th>
<th>Application Status Desc</th>
<th>Checklist ADMR Code-#</th>
<th>ADMR Description</th>
<th>Comment</th>
<th>Institution Code</th>
<th>Institution Desc</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWU202034</td>
<td>203303</td>
<td>Decision made</td>
<td>0021</td>
<td>High School Transcript</td>
<td>Paul O-Shrider Senior High</td>
<td>204605</td>
<td>Paul O-Shrider Senior High</td>
</tr>
<tr>
<td>GWU202034</td>
<td>203303</td>
<td>Decision made</td>
<td>0022</td>
<td>College Transcript</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GWU202034</td>
<td>203503</td>
<td>Decision made</td>
<td>0040</td>
<td>SAT and/or ACT scores</td>
<td>Test Date 01-MAR-2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GWU202034</td>
<td>203193</td>
<td>Decision made</td>
<td>0201</td>
<td>Common Application Supplement</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(sample screen shot)

Availability:
- Available for authorized users in Undergraduate Admissions: gsource.gwu.edu
Principal Investigators (PI) Dashboard
Release 6

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

Added Features:

- **Expenditures in Suspense**
  - In the Summary and Detail report, a new column has been added for expenditures in suspense. This is to help monitor expenditures that have been charged to a suspense account that have not been cleared.
  
<table>
<thead>
<tr>
<th>Direct Cost</th>
<th>Budget Amount</th>
<th>Period Actual</th>
<th>Cumulative Actual</th>
<th>Cumulative Encumbrance</th>
<th>Balance (Deficit)</th>
<th>Spending Level</th>
<th>In Funds Failed</th>
<th>In Suspense Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMPENSATION</td>
<td>5,250.00</td>
<td>1,000.00</td>
<td>1,000.00</td>
<td>0.00</td>
<td>4,250.00</td>
<td>19.02%</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>PAYROLL BENEFITS EXPENSE</td>
<td>1,647.00</td>
<td>65.00</td>
<td>65.00</td>
<td>0.00</td>
<td>862.00</td>
<td>6.21%</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>MISCELLANEOUS OPERATING</td>
<td>0.00</td>
<td>3.00</td>
<td>3.00</td>
<td>0.00</td>
<td>(3.00)</td>
<td>-</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>PROGRAM DEVELOPMENT ACTIVITY</td>
<td>0.00</td>
<td>1,330.00</td>
<td>1,330.00</td>
<td>0.00</td>
<td>(1,330.00)</td>
<td>-</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>STUDENT SUPPORT</td>
<td>20,052.00</td>
<td>26,020.00</td>
<td>25,020.00</td>
<td>0.00</td>
<td>322.00</td>
<td>1.64%</td>
<td>0.00</td>
<td>20,020.00</td>
</tr>
<tr>
<td>SUPPLIES</td>
<td>360.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>350.00</td>
<td>0.88%</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>TRAVEL DOMESTIC</td>
<td>16,500.00</td>
<td>119.27</td>
<td>119.27</td>
<td>0.00</td>
<td>16,380.73</td>
<td>0.72%</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Total</td>
<td>43,200.00</td>
<td>22,530.07</td>
<td>22,530.07</td>
<td>0.00</td>
<td>20,109.33</td>
<td>52.09%</td>
<td>0.00</td>
<td>20,020.00</td>
</tr>
</tbody>
</table>

  - Clicking on the link will open a new window that shows the details of the expenditures in suspense.

- **Alerts**
  - Alerts for Failed Funds and Expenditures in Suspense have been added to the Notification/s space.
Additional Prompts

- The following prompts have been added to help search for specific awards: Award Start Date, Award Orgs and Funding Sources.

(More Filters button can be found at the bottom of the Summary and Detail report prompt page)

Availability:

- Accessible through OVPR’s website (Summary and Detail Reports): [http://research.gwu.edu/pi-dashboard](http://research.gwu.edu/pi-dashboard)
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

Added security for Payroll Labor Distribution:

In order to replace the payroll paper “blue reports” that list employees' salaries per pay period, an extra layer of security was added to the HR Decision Center for Payroll Labor Distribution so that users can run the report from the data warehouse. This saves the University thousands of dollars in printing and distribution costs. The reports, developed by the Human Resources Information Services team (HRIS) and certified by Payroll Services, went into Production on July 1, 2015.

Note: In addition to having access to the right Employee Classes and Orgs, users are also required to have access to the NBAJOBS form in Banner in order to get any data back in these reports.

- Payroll Labor Distribution Report
  o Lists employees' pay per period

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CHId Name</td>
<td>Payroll ID</td>
</tr>
<tr>
<td>-------------</td>
<td>------------</td>
</tr>
<tr>
<td>2015-EWM-19-0</td>
<td>09/11/2015</td>
</tr>
<tr>
<td>- Total</td>
<td></td>
</tr>
</tbody>
</table>

- Position Budget Report
  o Lists the positions in an org, the budget allocated for the position, as well as the incumbent employee in the position.

Availability:

- Accessible to authorized users in the data warehouse: gsorce.gwu.edu
- Reports can be found under the HRIS Reports > HR_Finance folder
Online Ad Effectiveness Dashboard

Product Vision

For: GW's External Relations and School Marketing Teams
Who: Would like to manage online advertising
The: Online Ad Effectiveness 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:

- **Media Dashboard** – Developed by GW’s advertising vendor, LMO Advertising, the Media Dashboard is hosted on GW’s Tableau Server and captures key metrics about the performance of ads placed by schools across different web platforms like LinkedIn, Facebook, Google, etc. The dashboard is secured by school and can be filtered according to campaign, site, and placement. The dashboard is currently updated on a weekly basis. Metrics include:
  - Impressions
  - Clicks
  - Click Through Rate
  - Conversion Rate
  - Conversions
  - Spend
  - Cost Per Click
  - Cost Per Conversion

Availability:
- Accessible to users authorized by External Relations: Media Dashboard
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 Report:

- **Labor Detail Report [BETA]** – 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. The report can be filtered on Posting Date, PICT Code, Project Number, Billing Group, and Award Number.

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>P.T.A.</th>
<th>Expenditure Comment</th>
<th>Posting Date</th>
<th>Earn Hours</th>
<th>Earn Rate</th>
<th>% Effort</th>
<th>Actual Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Payroll-BW-6-A</td>
<td>13-mar-2015</td>
<td>03/31/2015</td>
<td>82.25</td>
<td>$26.56</td>
<td>49.77%</td>
<td>$2,164.56</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Payroll-BW-7-A</td>
<td>27-mar-2015</td>
<td>03/31/2015</td>
<td>63</td>
<td>$26.56</td>
<td>50.23%</td>
<td>$2,204.46</td>
</tr>
</tbody>
</table>

Availability:

- This **BETA** release will be made available to the Grants and Contracts Accounting Services team in the data warehouse: gsource.gwu.edu
DIT Operations Dashboard
[BETA Release]

Product Vision
For: Division of IT Managers and Directors
Who: Would like to manage resources based upon well-defined and available metrics
The: DIT Operations 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:

• Change Management Dashboard – Developed for the Division of IT, this dashboard uses data brought into the data warehouse from the Remedy system to help analyze the impact of changes to IT’s infrastructure and of service disruptions to DIT’s services.

Availibility:

• This BETA release will be accessible to authorized users in the Division of IT: Change Management Dashboard
Business Intelligence Services (BIS) Strategic Initiatives

Tableau Server upgrade:
- To avail of the latest features, Tableau Server has been upgraded from 8.3 to 9.1. Desktop users with current licenses are advised to upgrade to version 9.1 especially if the workbook will be published on the server.

Move to Virtual Linux servers:
- As part of the Division of IT’s SPARC/Solaris to Linux migration project, the data warehouse’s servers were migrated to Virtual machines on September 25, 2015. The servers include those in the Development and Production environments. The project aims to reduce the environmental impact on GW Datacenters, streamline service delivery, improve resiliency, improve performance, and to replace aging systems that would be costly to replace or extend maintenance on.