Enterprise Information Stewardship

Yesim Askin, Director
Brian Werner, Data Warehouse Lead
Stephanie Dombroski, BI & Analytics Lead
Architecture

Data Services Components

Organization and Storage of Campus Data

Transactional Systems and Other Systems Data

SAP Data Warehouse
SAP BW

Reporting Database (MSUEDW)

Dimensional Database (MSUDIM)

Connectivity and Integration of Data Sources

Enable Campus Access to Information
# Self Service Data Areas

<table>
<thead>
<tr>
<th>Current Data Sets Include the Following</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR – Actions</td>
</tr>
<tr>
<td>HR – Cost Distribution</td>
</tr>
<tr>
<td>HR – Labor Distribution</td>
</tr>
<tr>
<td>HR – Work Study (Sensitive)</td>
</tr>
<tr>
<td>HR – Time &amp; Labor (Sensitive)</td>
</tr>
<tr>
<td>PPS – HR</td>
</tr>
<tr>
<td>PPS - Student</td>
</tr>
<tr>
<td>PPS - CLIFMS</td>
</tr>
<tr>
<td>CGA - Proposal</td>
</tr>
<tr>
<td>Budget – Budget Allocation</td>
</tr>
</tbody>
</table>
# Direct Data Access Areas

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Organizational Management</strong></td>
<td><strong>Personnel Administration</strong></td>
<td><strong>Personnel Administration</strong></td>
</tr>
<tr>
<td>(OM)</td>
<td>(PA)</td>
<td>(PA)</td>
</tr>
<tr>
<td><strong>Benefits</strong></td>
<td><strong>Payroll</strong></td>
<td><strong>Payroll</strong></td>
</tr>
<tr>
<td>(BN)</td>
<td>(PY)</td>
<td>(PY)</td>
</tr>
<tr>
<td><strong>Learning Management</strong></td>
<td><strong>Payroll Encumbrance System</strong></td>
<td><strong>Payroll Encumbrance System</strong></td>
</tr>
<tr>
<td>(LM)</td>
<td>(PETS)</td>
<td>(PETS)</td>
</tr>
<tr>
<td><strong>Time &amp; Labor</strong></td>
<td><strong>HR Reference Tables</strong></td>
<td><strong>HR Reference Tables</strong></td>
</tr>
<tr>
<td>(TL)</td>
<td>(RF)</td>
<td>(RF)</td>
</tr>
<tr>
<td><strong>MSUDATA HR</strong></td>
<td><strong>MSUDATA Payroll</strong></td>
<td><strong>MSUDATA Payroll</strong></td>
</tr>
<tr>
<td><strong>HR Historical Data 2000-2010</strong></td>
<td><strong>HR Historical Data 2000-2010</strong></td>
<td><strong>HR Historical Data 2000-2010</strong></td>
</tr>
</tbody>
</table>
## Future EIS Deliverables

**Kuali Coeus MSUEDW and Dimensional Models:**

- Institutional Proposal
- Award and Report Tracking
- Proposal Development
- Subawards
- Institutional Animal Care and Use Committee
- Negotiations
- Award Budget
- Conflict of Interest
- Committee/Meeting Management
- Institutional Review Boards

SSDH, PPS and others
HR Data in BI & Analytics

- Reports – Standard and Lite
- Self Service Tools
  - Query Studio
  - Analysis Studio
  - Workspace Advanced
  - Workspace
HR Data in BI & Analytics

- Additional Functionality
  - Cognos Mobile
  - Event Studio
- Support
- Q&A
# Lite Reports

![Labor Distribution Report-HRP018](image)

## Labor Distribution Report-HRP018

**Pay Date Range between Mar 29, 2016 and May 16, 2016**

**Payroll Area:** Includes All Payroll Areas

**Personnel Sub Area:** Includes All Personnel Sub Areas

**Fiscal Officer:** Includes All Fiscal Officers

### Organization:

- **Organization:** 10004832 - THEATRE
- **Account:**
  - Account Nbr
  - Sub Account
- **Sub-Object Code:**
  - Sub-Acct Nbr

### Payroll Area:

- **Payroll Area:** p_PayrollArea
- **Personnel Sub Area:**
  - Personnel Subarea Code
- **Fiscal Officer:**
  - Fiscal Officer Name

### Pay Date:

- **To:** May 16, 2016

### Account Details Table:

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Funding Organization Code - Name</th>
<th>Object Code</th>
<th>Object Code Name</th>
<th>Sub-Object Code</th>
<th>Sub-Object Code Name</th>
<th>Pay Date</th>
<th>Nbr</th>
<th>Payroll Doc Nbr*</th>
<th>Payroll Doc Nbr*</th>
<th>Payroll Doc Nbr*</th>
<th>Payroll Doc Nbr*</th>
</tr>
</thead>
<tbody>
<tr>
<td>GA014481</td>
<td>10004832 - THEATRE</td>
<td>GAD14451</td>
<td>ADMINISTRATIVE PROFESSIONAL</td>
<td>6471</td>
<td></td>
<td>3/31/2016</td>
<td>300</td>
<td>000004901-538</td>
<td>5000004901-538</td>
<td>5000004901-538</td>
<td>$4,026.82</td>
</tr>
<tr>
<td>GA14481</td>
<td>10004832 - THEATRE</td>
<td>GAD14481</td>
<td>FACULTY</td>
<td>6504</td>
<td></td>
<td>3/31/2016</td>
<td>500</td>
<td>000004897-807</td>
<td>5000004897-807</td>
<td>5000004897-807</td>
<td>$1,444.50</td>
</tr>
<tr>
<td>GA14481</td>
<td>10004832 - THEATRE</td>
<td>GAD14481</td>
<td>OPERA</td>
<td>6504</td>
<td></td>
<td>3/31/2016</td>
<td>500</td>
<td>000001912-424</td>
<td>5000001912-424</td>
<td>5000001912-424</td>
<td>$120.00</td>
</tr>
</tbody>
</table>

**Total for Finance/HR-Payroll: Doc Nbr* 5000004901-538:**

- **Total:** $4,036.52

**Total for Finance/HR-Payroll: Doc Nbr* 5000004897-807:**

- **Total:** $1,444.50

**Total for Finance/HR-Payroll: Doc Nbr* 5000001912-424:**

- **Total:** $120.00
Query Studio

IBM Cognos Query Studio - New

Select and insert items from the tree to fill in the report. You can also drag and drop items into the report.

Use Ctrl-click to select multiple items in the tree or report. Right-click report item headings to access commonly used actions.
Analysis Studio
Workspace Advanced

[Image of a workspace interface with a note indicating to double-click to edit text and a source tree view with various categories such as Assignment Organization Hierarchy, Funding Organization Hierarchy, and more.]
Workspace
IBM Cognos Mobile
Analytics in the hands of everyone
- Insight to action with every product
- Right-sized for your organization
- Built to future-proof your investment

Start Anywhere… Go Everywhere
Learn more about IBM Cognos BI
How-To Videos

My Reports
Samples
Event Studio
Data Stewardship

- Master Data Management (MDM)
- Data Dictionaries/other metadata
- Data Quality
- Data Governance Community
Support
https://dataservices.ebsp.msu.edu/
Contact Info

• For additional information, visit the EIS website: https://dataservices.ebsp.msu.edu

• For general questions, contact EIS via email: dataservices@msu.edu

• For technical assistance and issues, contact the Service Desk