Project Prioritization - Why?

- 58 projects proposed initially for FY 2016
  - 215,000 hours
  - All important
  - And... *far greater than our capacity*
Project Prioritization - How?

- Score the projects to generate discussion and outcomes
  - Scoring based upon criteria established by IT Strategy and Service Investment boards
  - Business cases provide information
- Categorize projects: Proceed, Evaluate, Rescope, Hold
- Develop Investment Plan to identify how to move forward
Portfolio Prioritization - Outcomes

- Decisions to hold, or rescope projects
  - XX projects held or rescoped in FY 2015
- Informed and influenced UW-IT FY15 budget process and projects to move forward
- Guides project resource allocation when conflicts arise
- Improves transparency and understanding of UW-IT capacity and resource challenges
- Identifies dependencies and synergies across projects
- Lessons learned = continuous process improvements
Many Stakeholders

- **Internal to UW-IT**
  - Service Owners & Managers
  - Project Sponsors
  - UW-IT Senior Leadership
  - UW-IT Portfolio Review Board

- **External**
  - IT Strategy Board
    - Service Portfolio: Seven strategic categories, relative allocation
  - IT Service Investment Board
    - Project Portfolio: 44 investment proposals
  - IT Service Management Board
    - Service Catalog: Approx. 40 services
Information Technology (IT) Governance

IT Strategy Board
- Prioritize Projects
- Recommend Funding Levels
- TRF Review

IT Service Investment Board
- Refer Issues; Provide Input
- Direction on Changes to Services

IT Service Management Board
- Refer Issues; Provide Input

TRF Advisory
- Provide Analysis; Identify Issues; Recommendations
- Prioritize Projects; Recommend Funding Levels; TRF Review

President
- Provost

Vice President for UW-IT and CIO
- Service and Process Improvement Recommendations

Major IT Projects
- (HR/P, EPIC Roll-out, EDMS, etc.)

Hyak Governance Board

Data Management Committee

Finance Program Steering Committee

Student Information Systems Steering Committee

Teaching & Learning Technology Oversight Committee

Portfolio Review Board
- Enterprise Architecture Steering Group

Service Management Oversight Group
- Reporting and Analytics
- (Priorities for Campus Users)

IT Boards supported by the Office of the Vice President for UW-IT and CIO

Updated: May 6, 2013
Project Proposals - from 30,000 feet

- 44 proposals, after holding 14 in Abstract phase (down from 63 last year ==> 30%)
- 7 Service Categories, aligned with UW-IT goals

<table>
<thead>
<tr>
<th>Service Category</th>
<th># proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching &amp; Learning</td>
<td>8</td>
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<tr>
<td>Research</td>
<td>4</td>
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<tr>
<td>Administrative</td>
<td>5</td>
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<tr>
<td>Infrastructure</td>
<td>7</td>
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<tr>
<td>Collaboration</td>
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<tr>
<td>Enterprise Risk</td>
<td>7</td>
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<tr>
<td>IT Management</td>
<td>11</td>
</tr>
</tbody>
</table>
UW Service Portfolio
Expenditures & Strategic Allocation* - FY15†

- **Investment**
- **Run Cost**

### Category Spend
- **Teaching & Learning:** 11%
- **Research:** 9%
- **Admin Business Services:** 33%
- **Infrastructure (Incl. Datacenter, Networks):** 32%
- **Collaboration Tools:** 7%
- **Enterprise Risk:** 5%
- **IT Management:** 4%

### Investment Allocation
- **Investment:** 6%
- **Run Cost:** 3%
- **Total:** 52%
- **Total:** 17%
- **Total:** 7%
- **Total:** 3%
- **Total:** 12%

†Expenditures from first half of year, annualized; includes ORIS

*Labor only
UW-IT Service Portfolio
Expenditures & Strategic Allocation* - FY15†

Category Spend
TEACHING & LEARNING: 12%
RESEARCH: 1%
ADMIN BUSINESS SERVICES: 36%
INFRASTRUCTURE (INCL. DATACENTER, NETWORKS): 35%
COLLABORATION TOOLS: 8%
ENTERPRISE RISK: 5%
IT MANAGEMENT: 4%

Investment Allocation
6%
3%
52%
17%
7%
3%
12%

†Expenditures from first half of year, annualized, UW-IT only
*Labor only
Strategic Importance Criteria

- **Strategic Value**
  - Does this project improve the University’s academic or research excellence?
  - Does it improve the UW’s competitiveness by helping to attract the best students, faculty, and staff or by increasing and diversifying funding?
  - Does it enhance interdisciplinary ...

- **Impact**
  - Does this project improve the personal productivity or experience of students, faculty, or staff (i.e. individual end user of system or service)?
  - Does it benefit a large number of UW students, faculty, or staff?
  - Does it improve administrative efficiency or reduce overall administrative costs for the University (and not by shifting costs to units)?

- **Risk**
  - Does this project help sustain and strengthen core IT operations, mitigate operational risk, or ensure key services are resilient?
  - Does this project address compliance, financial, or information security and privacy risk?
Revised Criteria - Likelihood of Success

- **Resource Capacity**
  - Does the sponsoring division have staff resources available to support this project?
  - Does this project require significant contributed resources from other UW-IT units?

- **Vendor and Technical Risks and Alignment**
  - Does this project carry significant risks related to a vendor or contractor?
  - Does this project align with UW-IT’s enterprise architecture strategy?

- **Financial Risks**
  - Identify the source(s) of funding for this project (existing UW-IT, UW central, self-sustaining, grant or other)
  - If any new funding is required, has it been committed?
## FY 2016 Proposed Projects

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Responsible Unit</th>
<th>Leader 1</th>
<th>Leader 2</th>
<th>Leader 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>MyHusky Experience: Implementation</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Lewis</td>
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<tr>
<td>UW Academic Explorer</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Van Patten</td>
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<tr>
<td>Student Experience Infrastructure</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Lewis</td>
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<tr>
<td>Teaching, Learning, &amp; Social Technologies Assessment</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Lewis</td>
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<tr>
<td>Curriculum Management Modernization</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Van Patten</td>
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<tr>
<td>Classroom Renovations: EEB/BAG/LOW</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Hopkins</td>
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<tr>
<td>General Use Classroom Technology Upgrades: FY16</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Hopkins</td>
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<tr>
<td>UW Enterprise-wide Captioning</td>
<td>T&amp;L</td>
<td>Reid</td>
<td>Burgstahler</td>
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<tr>
<td>Engage with eScience Incubator Efforts</td>
<td>Research</td>
<td>Greer</td>
<td>Greer</td>
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<tr>
<td>Big Data Web Services for Researchers</td>
<td>Research</td>
<td>Greer</td>
<td>Reschke</td>
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<td>Harnessing idle Computers Worldwide for Science</td>
<td>Research</td>
<td>Greer</td>
<td>Reschke</td>
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<td>NextGen Hyak: Initial Deployment</td>
<td>Research</td>
<td>Greer</td>
<td>Reschke</td>
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<td>CONCERT (EDMS): Service Launch</td>
<td>Info &amp; Bus Sys</td>
<td>Powell</td>
<td>Isola</td>
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<td>Quality Assurance Service Improvements</td>
<td>Info &amp; Bus Sys</td>
<td>Powell</td>
<td>Lamb</td>
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<tr>
<td>DBA and Data Management Service Improvements</td>
<td>Info &amp; Bus Sys</td>
<td>Powell</td>
<td>Yock</td>
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<tr>
<td>Undergraduate Admissions Modernization: Seattle Paperless Processing</td>
<td>Info &amp; Bus Sys</td>
<td>Reid</td>
<td>Van Patten</td>
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<td>Optical Transport Ring Around Lake Washington</td>
<td>Infrastructure</td>
<td>Jordt</td>
<td>Cook</td>
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<tr>
<td>Improve Accountability for System Access to Data</td>
<td>Infrastructure</td>
<td>Greer</td>
<td>Dors</td>
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<tr>
<td>Support Trust and Identity in Education and Research</td>
<td>Infrastructure</td>
<td>Greer</td>
<td>Dors</td>
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<td>Enterprise Integration Platform Enhancements</td>
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<td>Monitoring Service for UW-IT Systems</td>
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<td>Morris</td>
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<td>Mobile Applications Strategy: Discovery</td>
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<td>Dors</td>
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<td>Improve Multi-Factor Authentication</td>
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<td>Dors</td>
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<td>ACA Data and Account Lifecycle Management</td>
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<td>Atlas: Asset and Threat Map</td>
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<td>Bailey</td>
<td>Nagel</td>
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## FY 2016 Portfolio Prioritization Timeline

<table>
<thead>
<tr>
<th>November 2014 – January 2015</th>
<th>Abstract and Business Case development</th>
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<tbody>
<tr>
<td>February</td>
<td>PRB scoring</td>
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<tr>
<td>March</td>
<td>SIB scoring</td>
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<tr>
<td>April</td>
<td>SIB prioritization</td>
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<tr>
<td>May</td>
<td>PRB develop Investment Plan</td>
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Questions?