UW Tacoma
Milgard Hall

UW Architectural Commission
December 16, 2019
Overview

• Where we are today
• Development since 2008 Campus Master Plan
• Share Current Work on Campus Development Plan
• Review Predesign Findings
• Goals and Programming
Where we are today
Board of Regents

- At the Nov. Meeting the following was approved
  - Design/Preconstruction Budget
  - Site
  - Name
  - Authority to select a Design/Builder
Current Milestones

• RFQ for Builder released Dec. 10th
• Letter of Intent open to architects Dec. 10th
• Responses from Builders due Jan. 7th
Campus Master Plan
Campus Context

Figure 1 | UW Tacoma Vicinity Map 1
Campus Footprint
2008 Campus Master Plan

Legend

**Academics & Services**
- Existing UW Tacoma
- Future UW Tacoma
- Facilities - Warehouse/CP
- Facilities - Grounds Storage
- Japanese Language School
- Memorial Garden
- Retail

**Transportation**
- Existing Public Transit
- Potential Public Transit
- Potential Parking (underground)
Work Completed Since 2008
Joy— Hacker 2010
Tioga Library Building - Hacker 2012
UW YMCA – McGranahan 2013
Prairie Line Trail – PLACE 2013-14

Before

After
Prairie Line Trail – PLACE 2013-14

Before

After
McDonald Smith – Bassetti 2016
Tacoma Paper & Stationary – Miller Hull 2016
2019 Campus Development Plan - Heartland & Gensler

- 10 year development plan informed by:
  - Campus Master Plan
  - Current Market Influences
  - Activity Analysis
  - Housing Study
  - Transportation Plan
2019 Campus Development Plan
Milgard Hall
Predesign Findings
Predesign Site
Site Options
Project Goals

> **Offer local students more high-demand engineering degrees** so students can earn degrees locally. There is clear demand for additional engineering degrees, specifically in Mechanical Engineering and Civil Engineering. UW Tacoma has support from UW to add these programs to this campus.

> **Meet student and employer demand for business degrees.** Business degrees are among the top requested degrees in the University.

> **Close the job gap,** fulfilling unmet industry demand for graduates in engineering and business so industries can hire locally. There are not enough engineering graduates produced by the Washington higher education system to fill local job openings in the field.

> **Connect local University students with local jobs in Engineering and Business.** The new building will improve social and economic mobility of students within Pierce County and help keep UW Tacoma’s promise to drive economic development in the South Sound community.

> **Provide a high return on investment for the state,** driving local economic prosperity for the South Sound and the State of Washington. UW Tacoma’s economic impact to the state of Washington is $211.7 million.
# Project Program – Phase 1

## PROGRAM SUMMARY
50,000 gsf

<table>
<thead>
<tr>
<th>Commons</th>
<th>Hub for Innovation Centers</th>
<th>Milgard Office + Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atrium/Collaboration</td>
<td>Reception</td>
<td>Staff Offices</td>
</tr>
<tr>
<td>Open Group Work Space</td>
<td>Meeting Rooms x 2</td>
<td>Student Advising</td>
</tr>
<tr>
<td>Individual Study Rooms</td>
<td>Offices x 8</td>
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<tr>
<td>Group Rooms x 12</td>
<td>Workroom</td>
<td></td>
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<tr>
<td>150 Student Large, Flexible Classroom</td>
<td>Storage</td>
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<td></td>
<td>Interview Rooms x 4</td>
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<td></td>
<td>Center for Business Analytics</td>
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<td></td>
<td>Ctr for Leadership &amp; Social Responsibility</td>
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<tr>
<td></td>
<td>Milgard Success Center</td>
<td></td>
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<tr>
<td></td>
<td>MS in Business Administration Tech Rm</td>
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<table>
<thead>
<tr>
<th>Mechanical Engineering Labs + Support</th>
<th>Shared Labs</th>
<th>Classrooms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermal Sciences</td>
<td>Engineering Design</td>
<td>Seminar Rooms x 2</td>
</tr>
<tr>
<td>Solid Mechanics</td>
<td>Computer Aided Design Lab</td>
<td>60-70 Seat Classrooms x 3</td>
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<tr>
<td>Manufacturing</td>
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<tr>
<td>Prep Lab/Storage</td>
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<tr>
<td>Fabrication Shop</td>
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### Project Program - Phase 2

**FULL VISION - ADDITIONAL PROGRAM SUMMARY**  
78,000 gsf

<table>
<thead>
<tr>
<th>Commons</th>
<th>Classrooms</th>
<th>Milgard Office + Support</th>
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</thead>
<tbody>
<tr>
<td>Entry/Lobby</td>
<td>Computer Classroom</td>
<td>Faculty Offices</td>
</tr>
<tr>
<td>Student Lounge</td>
<td>Open Computer Lab</td>
<td>Meeting Rooms x 6</td>
</tr>
<tr>
<td>Commercial</td>
<td>Active Learning Classroom</td>
<td>Tutors</td>
</tr>
<tr>
<td>Café</td>
<td>Campfire Classroom</td>
<td>Graduate Students</td>
</tr>
<tr>
<td>Civil Engineering Labs + Support</td>
<td>Mechanical Engineering Labs + Support</td>
<td>School of Engineering and Technology Office + Support</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>Control Systems</td>
<td>Civil Engineering Offices</td>
</tr>
<tr>
<td>Fluids/Hydraulics</td>
<td>Mechatronics &amp; Micro-Processor</td>
<td>IT Offices</td>
</tr>
<tr>
<td>Soil Mechanics</td>
<td>Industrial 4.0 Cyber, Phys. Systems</td>
<td>Tutors</td>
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<tr>
<td>Materials</td>
<td>Research Labs</td>
<td>Graduate Students</td>
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<td>Structures</td>
<td>Faculty Research</td>
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<tr>
<td>Construction Design</td>
<td>Shared Research</td>
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<tr>
<td>Prep Lab/Storage</td>
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<tr>
<td>Shared Labs</td>
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<tr>
<td>Shared Research</td>
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**IT Labs**

- Computer Lab
- Cybersecurity
- Industrial Controls Systems
- Forensics
- Senior Design
- Networking
- Embedded System Design & Microprocessor

**Shared Labs**

- Shared Research

**School of Engineering and Technology Office + Support**

- Civil Engineering Offices
- IT Offices
- Tutors
- Graduate Students
Preliminary Siting
Massing Options

- O1: Atrium
- O2: Edge Engagement
- O3: Retail Edge
- O4: Campus Edge
- O5: Low Cost
Preferred Massing

Full Concept

Phase 1
BUDGET

Current Funding: $4,000,000
Source: Washington State 2019-21 biennium capital allocation
*Design and Pre-construction*

Anticipated State Funding: $36,000,000
Source: Washington State 2021-23 biennium capital allocation
*Construction*

Anticipated Donor Funding: $10,000,000
*Construction*

Total Project Budget: $50,000,000
# SCHEDULE

<table>
<thead>
<tr>
<th>Phase</th>
<th>Start Date</th>
<th>End Date</th>
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<tbody>
<tr>
<td>Selection of Design-Builder</td>
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<td>Selection of Design-Architect</td>
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<tr>
<td>Architect Interviews with UWAC</td>
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<tr>
<td>Project Definition and Design</td>
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<tr>
<td>Construction Work in Progress</td>
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<tr>
<td>Closeout</td>
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<tr>
<td><strong>December 2019</strong></td>
<td><strong>February 2020</strong></td>
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<tr>
<td><strong>April 27, 2020</strong></td>
<td><strong>April 2020</strong></td>
<td><strong>September 2021</strong></td>
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<tr>
<td><strong>April 2020</strong></td>
<td><strong>June 2021</strong></td>
<td><strong>January 2023</strong></td>
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<tr>
<td><strong>February 2023</strong></td>
<td><strong>June 2023</strong></td>
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SCHEDULE

• Design Build Contractor: In Process-Complete February 25\textsuperscript{th}, 2020
• Solicitation for letters of interest from Architects posted Dec. 10\textsuperscript{th} & Jan. 7\textsuperscript{th}
• Email to UWAC recommended firms with a personal invitation to submit a letter of interest week of December 16\textsuperscript{th}
• Confirm list of Architecture firms being considered Feb. 27\textsuperscript{th}
• Letters of interest due February 21, 2020
• Review Architecture firms websites and shortlist pool of firms to receive RFQs March 5\textsuperscript{th}
• UWAC Final Interview April 27\textsuperscript{th}
Questions?