Agenda

• Introductions
• Discussion: Cost and Value strategies
• Study and discuss design strategies including structural and mechanical approach
• Lab Module and Layout Update
• Discuss module dimensions, columns and vibration
• Establish building options for further development
• Study and discuss site design strategies
• Establish site design options for further development
Cost and Value strategies
Option A  “Offices West”

Option B  “Dry Labs West”

Option C  “Sandwich”
Design Update
Lab Planning Update
Site Design
Existing Conditions
Site Analysis – Circulation & Access
Site Analysis – Natural & Site Features
Site Analysis - Composite
Planning Concepts – Plan Areas
Planning Concepts – Circulation, Access & Features
• Main entrance into new building from Science Green
• Hub of pedestrian routes
  – East-west connections: Science Walk and extension, Streisinger & Huestis buildings
  – North-south connections: Science Green, tie to 13th Ave axis, landing of pedestrian bridge across Franklin Blvd

Primary Entrance from Science Green
Primary Entrance from Science Green
• Provide continuation of Science Walk along new building
• Employ interpretive sustainable landscape and stormwater features and signage
• Enhance linkages to campus pedestrian network, including the gateway area at Franklin & Agate

Science Walk Extension
Science Walk Extension
• Retain and improve access for service and emergency vehicles
• Provide additional parking
• Mitigate negative visual impacts on the adjacent gateway area and Franklin/Agate intersection
• Retain and enhance Agate Street Entrance Green to provide an attractive and welcoming front-door experience
• Retain existing sign
• Improve pedestrian experience and safety
• Integrate turn-lane on Franklin
• Mitigate visual impacts of adjacent service area
Grand Oaks Area

- Preserve and protect the two large oak trees
- Improve the area to provide attractive views from interior common areas in the new building
- Take advantage of natural drainage patterns and incorporate sustainable landscape and stormwater features
• Provide landscape screen along Franklin Blvd to
  – improve views from and into the campus
  – mitigate traffic noise and air pollution
• Improve safety and appeal of pedestrian circulation along Franklin Blvd

Franklin Boulevard Landscape Buffer
• Extend service and loading access to new building
• Improve screening from Franklin Blvd
• Improve pedestrian circulation along edge
Noon, December 1

Monthly Mid-Day Shading Study – Plan View
Noon, December 1

Monthly Mid-Day Shading Study – Birdseye View
Noon, December 1

Monthly Mid-Day Shading Study – Science Walk
June 21, 08.00 pm

Summer Solstice Shading Study – Grand Oaks
Large Scale Campus Patterns

- Universal Access
- Sustainable Development
- Open-Space Framework
- University Shape and Diameter

Transportation Patterns

- Local Transport Area
Site Arrangement Patterns

- Positive Outdoor Space
- South Facing Outdoors
- Pedestrian Pathways
- Site Repair
- Tree Places
- Architectural Style
- Building Character and Campus Context
- Research Ties
- Building Complex
- Horizontal Connection – Connected Buildings*
- Family of Entrances

- Main Building Entrance
- Flexibility and Longevity
- Use Wisely What We Have
- Integration
- Existing Uses / Replacement
- Quite Backs
- Wings of Light
Building Design Patterns

- Wholeness of Project
- Architectural Style
- Four Story Limit
- Future Expansion
- Connecting Doors*
- Blended Research Domains*
- Flexibility and Longevity
- Modular Interchangeable Wet Labs*
- Integrated Local Core*
- Home Base*
- Smooth Cart Travel*
- Organizational Clarity
- Slice and Stack*

- Public Gradient
- Places for Interaction*
- Peopleware
- Placement of Commons*
- Social Stair*
- Building Hearth
- Fabric of Departments
- Faculty-Student Mix
- Classroom Distribution
- Office Connections
- Better Than My Apartment*
- Operable Windows
- Wings of Light
- Quality of Light
User Generated Patterns

• Connecting Doors
• Blended Research Domains
• Modular Interchangeable Wet Labs
• Integrated Local Core
• Home Base
• Horizontal Connections – Connected Buildings
• Smooth Cart Travel
• Slice and Stack
• Peopleware
• Places for Interaction
• Placement of Commons
• Better Than My Apartment
Option A  “Offices West”
Option A “Offices West”
Option A “Offices West”
Option A  “Offices West”
Option B  “Dry Labs West”
Option B "Dry Labs West"
Option B  “Dry Labs West”
Option B  “Dry Labs West”
Plan Option C “Sandwich”

- Bench Lab
- Lab Support
- Conference
- Offices / Dry Labs
- Grad Students
- Dry Labs / Offices

Streisinger

Deschutes

Plan
Option C “Sandwich”
Option C “Sandwich”
Option C  “Sandwich”