Health Sciences
Education Building
University of Washington

LEWIS / MILLER HULL / SLAM / GGN
HSEB Project Goals

- Create a hub for the Health Science education and training that fosters interaction, collaboration, and creativity for students and the health professional community.

- Build a centrally located Health Sciences Education Building utilizing the unique adjacencies of research, academic, and clinical programs to train future health professionals in support of affordable, accessible, and high quality 21st Century health care.

- Create a Health Sciences Education Building with flexible spaces, modern technologies, and a broad array of environments that adapt to the changing pedagogical needs of the Health Sciences and enable active and team-based learning.

- Maintain the outstanding performance of UW’s Health Science schools by attracting and retaining the best health and health care professionals to serve the State of Washington.

- Design the building to enable the Health Sciences campus to support the goals of the 2018 Campus Master Plan.
Today’s Conversation

- Appreciating the Program
- Understanding Site Context + Strategy
- Creating a Network of Outdoor Spaces
- Activating Edges + Sections
- Developing Early Concepts
# UW Health Sciences

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**HEALTH SCIENCES EDUCATION BUILDING**
April 29th 2019

**UNIVERSITY OF WASHINGTON | LEASE CRUTCHER LEWIS | MILLER HULL | SLAM | GGN**
PROGRAM
Right-Sizing Considerations

Assuming 3-4 stories
- Preserves outdoor “rooms”
- Houses large format classrooms
- Maintains relationship between spaces
- Avoids high rise implications
- Allows for exposed CLT
CAMPUS CONTEXT
Circulation routes
Circulation Routes – Pedestrian
Site Context
Site Topography

T-WING
- Penthouse
- Office/Classroom
- Office/Classroom
- Classrooms/Library
- Access to Pacific Storm Bridge
- Office
- Storage
- Mechanical

+65
T-WING ENTRANCE

+53
T-WING LOWER LEVEL (MORGUE)

+60
PACIFIC ST SIDEWALK

J-WING

+53
I-WING, J-WING ENTRANCE

HITCHCOCK HALL
- Penthouse
- Multipurpose Room (Research)
- Study Area/Instruction Lab/Research
- Mechanical/Storeroom
- Mechanical Access to Tunnel
- Mechanical/Storage/Saltwater Room

+78
BRIDGE

+65
HITCHCOCK ENTRANCE
SITE STRATEGY
Site Strategy

- Direct access from bridge level
- Preserves the SCMP corridor
- Limited landing space
- Direct access from bridge level
- Creates small outdoor spaces on east + west
- Stand alone building (activates ground plane)
- Creates outdoor space on west + south with generous landing space
- Occupants of building enjoy views
Site Strategy

- Stand alone building (activates ground plane)
- Creates outdoor space on west + south with generous landing space
- Occupants of building enjoy views
THE NETWORK OF OUTDOOR SPACES
Pacific Street – Existing Condition
Pacific Street
Generous streetscape = active urban village
Landings and Streetscape

HITCHCOCK HALL
J-WING
I-WING
H-WING
T-WING

LIFE SCIENCES BUILDING
BURKE-GILMAN TRAIL
NE PACIFIC ST

24 MIN
Slope Transitions

LIFE SCIENCES BUILDING

BURKE-GILMAN TRIAL

NE PACIFIC ST

EL + 60'

EL + 53'

HITCHCOCK HALL

J-WING

I-WING

T-WING

H-WING
Slope Transitions – Existing Condition
Landings

Important to have level moments to stop and get your bearings at decision nodes and slope transitions.
Landings

Important to have level moments to stop and get your bearings at decision nodes and slope transitions.
Slope Transitions

MORE SPACE = MORE FLEXIBILITY TO ‘SOFTEN’ ACCESSIBLE ROUTES.
Slope Transitions – Life Sciences
Slope Transitions – 60’ Width
Slope Transitions – 78’ Width
Slope Transitions
South Passage

HEALTH SCIENCES EDUCATION BUILDING
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South Passage – Existing Condition
South Passage - Scale

35' MIN

J-WING
LAB - RESEARCH
South Room
South Room - Existing Condition
South Room Scale Comparison – Paley Park
South Room Scale Comparison – Alder Hall
South Room

COMFORT WILL COME FROM APPROPRIATE SCALE AND ELEMENTS OF WARMTH IN A SHADY SPACE
South Room

REFLECTED LIGHT AND LIGHT CANOPY CAN BRIGHTEN AND ENLIVEN
East Edge - Existing Condition
East Edge

20' MIN

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Circulation
ACTIVATING EDGES AND SECTIONS
Streetscape

LIFE SCIENCES BUILDING

BURKE-GILMAN TRIAL

NE PACIFIC ST

STREETSCAPE

HITCHCOCK HALL

T-WING

J-WING

I-WING

H-WING

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April 29th 2019

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Active Edge
Active Edge
Active Edge
Porous Podium
Indoor-Outdoor Rooms = Porous Podium
Porous Podium
Think Long and Short
Think Long and Short
CONCEPTING EARLY IDEAS
Trending Program

LARGE ACTIVE LEARNING CLASSROOMS (3)
- TERRACED FLEXIBLE ACTIVE LEARNING CLASSROOM
- FLAT FLOOR FLEXIBLE ACTIVE LEARNING CLASSROOM

MEDIUM ACTIVE LEARNING CLASSROOMS (4)
- FIXED TECHNOLOGY DIVISIBLE PAIR
- ACTIVE LEARNING CLASSROOM
- ACTIVE LEARNING CLASSROOM

ANATOMY LAB SUITE

STUDENT COMMUNITY CENTER
- STUDENT COMMUNITY CENTER
  LOUNGE SEATING COLLABORATION / INFORMAL LEARNING TEAM STUDY IPE STUDENT LOUNGE

SMALL CLASSROOMS/ SEMINAR (11)

SKILLS LAB SUITE
- SKILLS LAB CLASSROOMS
  - Offstage/ Control/ Equip

OFFICE SPACE
Right-Sizing Considerations

Assuming 3-4 stories
- Preserves outdoor “rooms”
- Houses large format classrooms
- Maintains relationship between spaces
- Avoids high rise implications
- Allows for exposed CLT
Do we need to rotate this series to match plan diagrams? Let's figure out how to translate this color and visual quality to the plan diagrams.
Outdoor Rooms

John to redraw or add outdoor room along sidewalk? Change outdoor room to be along sidewalk (aka active edge) rather than west side.
Indoor – Outdoor Rooms
Porous Podium
Porous Podium + Active Edge
Student Heart
Think Long and Short
Questions for Discussion

• Building footprint area: are the outdoor spaces right-sized?
• Do the points of access to/through the building seem logical?
• Do our decisions support the SCMP notions of views and connections?
• What does it mean to be a smaller “gem” or “heart” within a taller denser fabric?
• How can we think about a classroom building making tangible the “pulse” and “buzz” of south campus education?
• How can we continue to “Signal a New Vision?”
Will be into Schematic Design

Topics:
• Push/pull of massing, program + modulation
• Character, expression and vibe
Bike Parking - Consolidation
ADA Parking - Accessible Routes

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<th>Distance</th>
<th># of ADA stalls</th>
<th>Involves indoor routes</th>
<th>Involves Elevators</th>
<th># of road crossings</th>
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<td>No (access ramp, no ADA stalls)</td>
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*assuming direct access is provided between the bridge and new building.
**Bicycle Improvements - Burke-Gilman Trail Ramp**

**PROS:**

+ Opportunity to improve north side of Pacific
+ Provides access via wheels (bike or wheelchair) from Burket Gillman to bus stop on north side of Pacific
+ Does not constrain any future development sites
+ Could be designed and installed independent of HSEB project

**CONS:**

- Bikes have to cross street at crosswalk - does not provide mode separation from autos.

**OPTION D**
Ramp from BGT - North Side of Pacific

**ACCESS & VISIBILITY**
- Connection from BGT, east of overpass, to Pacific St. crosswalk
- Approximately 400 feet in length without landings (5% slope)
- Visible from Pacific Stree, potential to enhance with plantings
- Will require connection to BGT at mixing zone west of T-wing
Hitchcock Bridge

1960s

Present

All Pedestrian

ADA
East Edge - Baseline Minimum