

## NOTICE OF PUBLIC MEETING

The Board of Trustees of the University of Oregon will hold the following public meeting:

**Thursday, December 3, 2020, at 8:30 a.m.**

**Friday, December 4, 2020, at 8:30 a.m.**

Due to current orders regarding campus operations and social distancing, the meeting will be held via video conference with a telephone conference option available for members of the media and the public.

Subjects of the meeting will include COVID-19 impacts and operations; standing reports; university finance, treasury, and audit reports; a preview of the FY21 tuition-setting process; a new Bachelor of Fine Arts in Dance; capital planning and a capital project approval (ZIRC); institutional diversity, equity and inclusion initiatives; and an overview of the Department of Human Physiology.

The livestream link and the teleconference information are available day of (if not sooner) at:  
<https://trustees.uoregon.edu/meetings>. Meeting materials are available online at:  
<https://trustees.uoregon.edu/upcoming-meetings>.

### Public Comment

Individuals wishing to provide public comment to the Board of Trustees may do so in writing via [trustees@uoregon.edu](mailto:trustees@uoregon.edu). All comments will be shared with members of the board, but to ensure comments are provided to trustees in advance of the meeting, they must be received by 5:00 p.m. Pacific Time on December 2, 2020.

**Board of Trustees**  
**December 3, 2020 | 8:30 a.m. PT**  
**December 4, 2020 | 8:30 a.m. PT**

Due to current orders regarding campus operations and social distancing, the meeting will be held remotely with a livestream broadcast and telephone conference options available for members of the public. That information is available at: <https://trustees.uoregon.edu/meetings>.

**Convene Public Meeting**

- Call to order and verification of a quorum
- Approval of minutes from September 10, October 29, and November 13 full board meetings

**1. Standing Reports**

- ASUO President Isaiah Boyd
- University Senate President Elliot Berkman
- Provost Patrick Phillips
- President Michael Schill

**2. COVID-19 Impacts, Planning and Operations.** Andre Le Duc, Associate Vice President and Chief Resilience Officer

**3. University Finance and Treasury Reports.** Jamie Moffitt, Vice President for Finance and Administration and CFO

**4. Audit Reports:**

- 4.1 FY20 Audited Financial Statements.** Jamie Moffitt, Vice President for Finance and Administration and CFO; Kelly Wolf, Associate Vice President and Controller
- 4.2 FY20 External Auditor's Report.** Scott Simpson, Partner, Moss Adams
- 4.3 Quarterly Audit Report.** Leah Ladley, Chief Auditor

**5. Tuition-Setting Preview.** Kevin Marbury, Vice President for Student Life and TFAB Co-Chair; Jamie Moffitt, Vice President for Finance and Administration and CFO and TFAB Co-Chair

**Meeting recessed until December 4 at 8:30 a.m.**

**6. Program Approval: Bachelor of Fine Arts in Dance (Action).** Brad Garner, Associate Professor and Department Head of Dance

**7. Capital Planning and Sustainability Annual Report; Capital Project Approval – ZIRC (Action).** Mike Harwood, Associate Vice President and University Architect

**8. Institutional Diversity, Equity and Inclusion Initiatives.** Yvette Alex-Assensoh, Vice President for Equity and Inclusion; Patrick Phillips, Provost and Sr. Vice President; Mark Schmelz, Chief Human Resources Officer

**9. Academic Area in Focus: Human Physiology.** John Halliwill, Professor and Department Head of Human Physiology

**Meeting Adjourned**

BOARD OF TRUSTEES

6227 University of Oregon, Eugene OR 97403-1266 | (541) 346-3166 | [trustees.uoregon.edu](https://trustees.uoregon.edu) | [trustees@uoregon.edu](mailto:trustees@uoregon.edu)

## **Agenda Item #6**

**Program Authorization:  
BFA in Dance**

A new Bachelor of Fine Arts in Dance is before the Board of Trustees, assuming passage by the University Senate (see below). Board approval is required before new programs are submitted to the Higher Education Coordinating Commission (HECC).

The School of Music and Dance, the provost, and all appropriate University committees have approved the proposed program. University Senate consideration is scheduled for December 2; if the Senate does not act affirmatively, this item will not be considered at the Board's meeting.

The below information for the degree proposal is taken from the department's submission for new program approval. More detailed information (e.g., associated coursework, exam schedules and degree obtainment progression timelines) is available upon request.

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**How is the program connected with the UO's mission, signature strengths and strategic priorities?**

The proposed BFA in Dance is connected with the UO's mission, signature strengths and strategic priorities in a number of ways. For example, it fosters equity and inclusion by requiring the study of dances of the African diaspora, such as African and Jazz, with equal credit value to Western dance forms, such as Contemporary dance and Ballet.

The proposed BFA in Dance degree will help individuals question critically through theory courses in History and Culture (e.g. DAN 454 Contemporary Issues in Dance), which offer students insight into body-politics intrinsic to the art of dance, specifically; race, gender, age, ability and power. This degree will help students think logically through courses in Movement Science (e.g. DAN 260 Anatomy of Human Movement), which instill a deep understanding of the body's form and function in order to empower optimal performance while preventing injuries. The BFA in Dance will help individuals reason effectively through courses in Technology and Music (e.g. DAN 255 Dance Production and DAN 458 Music for Dancers), which prepare students to use lighting and sound design equipment and software for live performances and electronic presentations.

The proposed BFA in Dance will help individuals communicate clearly and act creatively through courses in Movement Technique (e.g. DANC 285 African 2), Improvisation (e.g. DANC 271 Contact Improvisation), Composition (e.g. DAN 352 Dance Composition 2), Performance (DAN 408 Work, Rehearsal & Performance), and Teaching (e.g. DAN 491 Teaching Dance), which require multiple modes of communication, adaptability, complex problem solving, collaboration, and creativity.

The proposed BFA in Dance helps individuals live ethically through Performance Ensemble requirements such as DAN 436 Dema African Performance and DAN 482 Repertory Company that provide opportunities to engage in community service and outreach to inner-city youth in public schools, after school programs, and private studios across Oregon.

**How will the proposal meet regional or statewide needs and enhance the state' capacity to improve educational attainment in the region; respond effectively to social, economic and environmental challenges and opportunities; and address civic and cultural demands of citizenship?**

The proposed BFA in Dance will meet statewide goals of educational attainment, responsibility to environmental challenges, and the civic demands of citizenship by providing the only such degree in the state of Oregon and one of only a limited few BFA degrees in the U.S. that offers an inclusive curriculum. This affords equal access to lower-income and non-white students, which inherently expands the diversity of the program to include other marginalized groups.

With the proposed BFA in Dance it will be possible for students to enter the program with creativity and a talent for movement, but as beginners in formal dance training and successfully graduate in four years with marketable professional dance skills such as Teaching, Performing, and Choreographing, as well as corollary fields such as Technical Production and Arts Administration.

**Are there closely-related programs in other Oregon public or private universities?**

No

**What financial resources are needed to support this proposal? Identify the resources currently available as part of existing UO programs or reallocations within existing budgets. Are additional resources needed?**

The current UO Dance budget is based on 5.5 TTF FTE and 1.6 NTTF FTE (NTTF FTE uses combination of general funds and course fees). These faculty-related amounts are adjusted annually for changes to salaries and OPE. We are allocated an annual amount of \$20,000 for live musical accompaniment and \$10,000 for services and supplies. We support our concerts, e.g. contracting a Technical Director, from ticket sales.

**What other additional staff are needed to support this program? Are special facilities, equipment, or other resources required because of the change (e.g., unusual library resources, digital media support)?**

No additional staff are needed to offer the proposed BFA in Dance. No additional facilities, equipment or other resources are required to offer the proposed BFA in Dance.

**Board of Trustees of the University of Oregon**

**Resolution: Program Approval – Bachelor of Fine Arts in Dance**

Whereas, the University of Oregon (University) benefits from a cross-section of high quality, well-designed academic degree programs;

Whereas, the School of Music and Dance wishes to offer a Bachelor of Fine Arts (BFA) in Dance;

Whereas, the proposed program should significantly increase the number of Dance students at and increase the diversity of Dance faculty and students at the UO while offering greater flexibility for students seeking Dance majors, whether individually or coupled with another major;

Whereas, the program has been approved by relevant departments, the School of Music and Dance, relevant academic committees, and the University Senate; and,

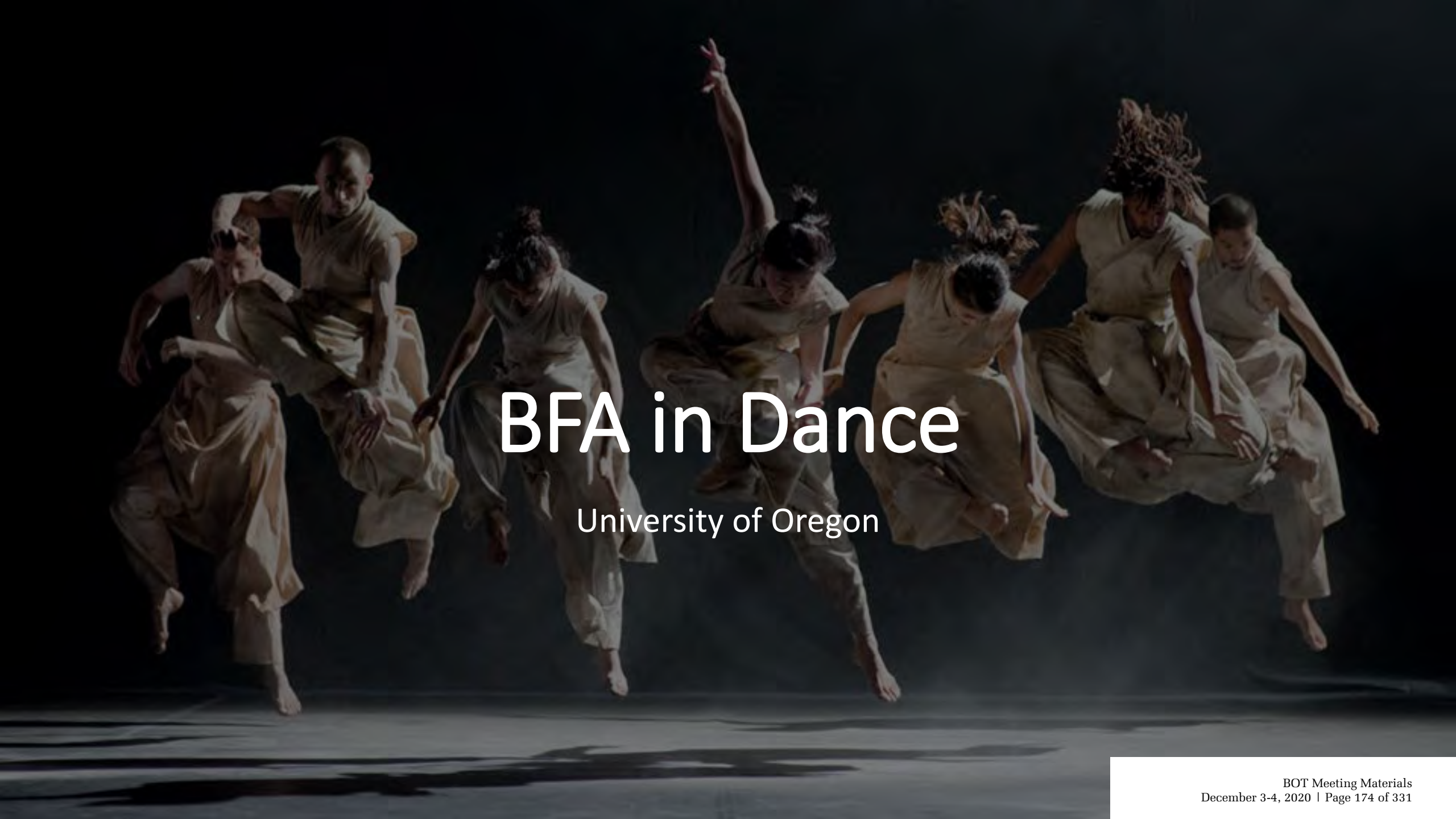
Whereas, Board of Trustees’ approval is required before the program can be reviewed by the Higher Education Coordinating Commission.

Now, therefore, the Academic and Student Affairs Committee of the Board of Trustees of the University of Oregon hereby approves the new **Bachelor of Fine Arts Degree in Dance** as proposed in the provided documentation.

Moved: \_\_\_\_\_ Seconded: \_\_\_\_\_

| Trustee   | Vote | Trustee  | Vote |
|-----------|------|----------|------|
| Aaron     |      | Lillis   |      |
| Bragdon   |      | McIntyre |      |
| Colas     |      | Murray   |      |
| Ford      |      | Ralph    |      |
| Gonyea    |      | Seeley   |      |
| Hornecker |      | Wilcox   |      |
| Kari      |      | Wishnia  |      |

Dated: \_\_\_\_\_ Recorded: \_\_\_\_\_



# BFA in Dance

University of Oregon





## Legacy

- Dance courses have been offered at the UO for over a century, and predate the first academic dance major programs in the country by more than a decade.
- **Martha Hill** was hired as a Professor of Dance at UO in 1927, and later went on to co-found the Bennington College Dance Program, in 1934, which established “Modern” Dance as an academic field in higher education.
- One of Hill’s students at UO was **Bessie Schonberg**, the namesake of the highest honor one can receive in dance, the “Bessie Award.”





# Purpose

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- To provide the first and only BFA in Dance degree in the state of Oregon.
- To offer the only BFA in Dance degree in the U.S. with equal emphasis on dances of the African diaspora and those of European roots.
- To recruit and retain more diverse students and faculty.
- To double the numbers of Dance majors at UO by AY 2024.

## Proposed BFA in Dance Faculty Assignments

# Resources

- The proposed BFA in Dance requires no additional resources other than the replacement of a retiring Full Professor with a new Assistant Professor.

|   | Fall  | Winter   | Spring                                       |
|---|---|--|--|
| <b>New</b> - TTF<br>FTE = 1.0<br>(retirement replacement-Chatfield)         | DAN 125<br>DANC 275<br>DANC 375<br>DAN 480  | DANC 275<br>DANC 375<br>DAN 408<br>DAN 494/481 | DANC 175<br>DANC 375<br>DAN 352<br>DAN 482   |
| <b>Mockli</b> - TTF<br>FTE = 1.0  | DANC 172<br>DAN 394<br>DAN 452/408          | DANC 270<br>DAN 408<br>DAN 241<br>DAN 481/494  | DANC 170<br>DAN 125<br>DAN 454<br>DAN 404    |
| <b>Garner</b> – TTF<br>FTE = 1.0<br>(course release – Dept Head)            | DANC 272<br>DAN 255<br>DAN 251              | DANC 175<br>DAN 408<br>DAN 425                 | DAN 494<br>DAN 412/408<br>DAN 355<br>DAN 125 |
| <b>Kennedy</b> - TTF<br>FTE = 1.0   | DAN 494<br>DAN 480<br>DAN 351               | DAN 394<br>DANC 372<br>DAN 408<br>DAN 491      | DANC 270<br>DANC 171<br>DAN 425<br>DAN 482   |
| <b>Cherry</b> - TTF<br>FTE = 1.0<br>(course release – UG Coord & Music Dir) | DANC 271<br>DAN 458<br>DAN 425              | DAN 125<br>DAN 453<br>DAN 251 (online)         | DAN 252<br>DAN 410/408<br>DAN 251 (online)   |
| <b>Iddrisu</b> - TTF<br>FTE = 0.5 Dance                                     | DAN 285<br>DAN 436                          | DAN 185<br>DAN 436                             | DAN 301<br>DAN 436                           |
| <b>Honka</b> - NTTF<br>FTE = 1.0  | DANC 175<br>DANC 185<br>DANC 270<br>DAN 301 | DANC 170<br>DANC 285<br>DAN 408<br>DAN 256     | DANC 275<br>DANC 185<br>DANC 285<br>DAN 260  |
| <b>Ebert</b> - NTTF<br>FTE = 0.476  | DANC 170<br>DAN 260                         | DAN 360<br>DANC 172                            | DANC 272<br>DAN 251                          |
| <b>Moses</b> - NTTF<br>FTE = 0.286  | DANC 372<br>DANC 199 Elective               | DANC 272<br>DANC 399 Elective                  | DANC 172<br>DANC 372                         |

# Design

## Proposed 4-Year BFA in Dance curriculum

121 Major credits + 48 Gen Ed credits + 14 Elective credits = 183 Total credits

| BFA 1st Year               |           |                            |           |                                |           |  |
|----------------------------|-----------|----------------------------|-----------|--------------------------------|-----------|--|
| Fall                       | Cr        | Winter                     | Cr        | Spring                         | Cr        |  |
| DANC 175 Jazz 1            | 1         | DANC 175 Jazz 1            | 1         | DANC 175 Jazz 1                | 1         |  |
| DANC 185 African 1         | 1         | DANC 185 African 1         | 1         | DANC 185 African 1             | 1         |  |
| DANC 170 Modern 1          | 1         | DANC 170 Modern 1          | 1         | DANC 170 Modern 1              | 1         |  |
| DANC 172 Ballet 1          | 1         | DANC 172 Ballet 1          | 1         | DANC 172 Ballet 1              | 1         |  |
| DAN 408 Performance: Loft  | 2         | DAN 125 First Year Seminar | 1         | DAN 171 Improvisation          | 1         |  |
| DAN 125 First Year Seminar | 1         | WR 122/3 College Comp 2    | 4         | DAN 125 First Year Seminar     | 1         |  |
| WR 121 College Comp 1      | 4         | Gen Ed                     | 4         | DAN 251* Looking at Dance (AL) | 4         |  |
| Gen Ed                     | 4         | Elective                   | 2         | Gen Ed Area/Cultural Literacy  | 4         |  |
| <b>Major Credits</b>       | <b>7</b>  |                            | <b>5</b>  |                                | <b>6</b>  |  |
| <b>Gen Ed Credits</b>      | <b>8</b>  |                            |           |                                | <b>8</b>  |  |
| <b>Elective Credits</b>    | <b>0</b>  |                            | <b>2</b>  |                                | <b>0</b>  |  |
| <b>Total Credits</b>       | <b>15</b> |                            | <b>15</b> |                                | <b>14</b> |  |

| BFA 2nd Year                      |           |                                    |           |                                |           |  |
|-----------------------------------|-----------|------------------------------------|-----------|--------------------------------|-----------|--|
| Fall                              | Cr        | Winter                             | Cr        | Spring                         | Cr        |  |
| DANC 275 Jazz 2                   | 1         | DANC 275 Jazz 2                    | 1         | DANC 275 Jazz 2                | 1         |  |
| DANC 285 African 2                | 1         | DANC 285 African 2                 | 1         | DANC 285 African 2             | 1         |  |
| DANC 270 Modern 2                 | 1         | DANC 270 Modern 2                  | 1         | DANC 270 Modern 2              | 1         |  |
| DANC 272 Ballet 2                 | 1         | DANC 272 Ballet 2                  | 1         | DANC 272 Ballet 2              | 1         |  |
| DAN 271 Contact Improvisation     | 1         | DAN 408 Performance: Faculty/Guest | 2         | DAN 252 Fundamentals of Rhythm | 3         |  |
| DAN 255 Production 1              | 3         | DAN 256 Somatics                   | 3         | DAN 355 Production 2           | 1         |  |
| DAN 260* Anatomy of Human Mvt (S) | 4         | DAN 241* Screen dance (AL)         | 4         | Gen Ed Area/Cultural Literacy  | 4         |  |
| Gen Ed                            | 4         | Elective                           | 2         | Elective                       | 2         |  |
| <b>Major Credits</b>              | <b>8</b>  |                                    | <b>9</b>  |                                | <b>8</b>  |  |
| <b>Gen Ed Credits</b>             | <b>8</b>  |                                    | <b>4</b>  |                                | <b>4</b>  |  |
| <b>Elective Credits</b>           | <b>0</b>  |                                    | <b>2</b>  |                                | <b>2</b>  |  |
| <b>Total Credits</b>              | <b>16</b> |                                    | <b>15</b> |                                | <b>14</b> |  |

| BFA 3rd Year                     |           |                                  |           |                                  |           |  |
|----------------------------------|-----------|----------------------------------|-----------|----------------------------------|-----------|--|
| Fall                             | Cr        | Winter                           | Cr        | Spring                           | Cr        |  |
| DANC 375 Jazz 3                  | 1         | DANC 375 Jazz 3                  | 1         | DANC 375 Jazz 3                  | 1         |  |
| DAN 394 Contemporary 3           | 3         | DAN 394 Contemporary 3           | 3         | DAN 394 Contemporary 3           | 3         |  |
| DANC 372 Ballet 3                | 1         | DANC 372 Ballet 3                | 1         | DANC 372 Ballet 3                | 1         |  |
| DAN 436 Dema African Performance | 3         | DAN 436 Dema African Performance | 3         | DAN 436 Dema African Performance | 3         |  |
| DAN 408 Performance: Loft        | 2         | DAN 360 Kinesiology              | 4         | DAN 352 Composition 2            | 3         |  |
| DAN 351 Composition 1            | 3         | Gen Ed                           | 4         | Gen Ed                           | 4         |  |
| DAN 301 African Aesthetics       | 4         |                                  |           | Elective                         | 2         |  |
| <b>Major Credits</b>             | <b>17</b> |                                  | <b>12</b> |                                  | <b>11</b> |  |
| <b>Gen Ed Credits</b>            | <b>0</b>  |                                  | <b>4</b>  |                                  | <b>4</b>  |  |
| <b>Elective Credits</b>          | <b>0</b>  |                                  | <b>0</b>  |                                  | <b>2</b>  |  |
| <b>Total Credits</b>             | <b>17</b> |                                  | <b>16</b> |                                  | <b>17</b> |  |

| BFA 4th Year              |           |                               |           |                                 |           |  |
|---------------------------|-----------|-------------------------------|-----------|---------------------------------|-----------|--|
| Fall                      | Cr        | Winter                        | Cr        | Spring                          | Cr        |  |
| DAN 494 Contemporary 4    | 3         | DAN 494 Contemporary 4        | 3         | DAN 494 Contemporary 4          | 3         |  |
| DAN 480 Dance Repertory   | 2         | DAN 481 Repertory Company-Reh | 2         | DAN 482 Repertory Company-Perf  | 2         |  |
| DAN 452 Composition 3     | 3         | DAN 491 Teaching Dance        | 3         | DAN 412 Student Concert         | 3         |  |
| DAN 458 Music for Dancers | 3         | DAN 425 Senior Seminar        | 1         | DAN 404 Internship              | 2         |  |
| DAN 425 Senior Seminar    | 1         | DAN 443 Dance and Power       | 3         | DAN 425 Senior Seminar          | 1         |  |
| Elective                  | 4         | Elective                      | 2         | DAN 444 Contemp Issues in Dance | 3         |  |
| <b>Major Credits</b>      | <b>12</b> |                               | <b>12</b> |                                 | <b>14</b> |  |
| <b>Gen Ed Credits</b>     | <b>0</b>  |                               | <b>0</b>  |                                 | <b>0</b>  |  |
| <b>Elective Credits</b>   | <b>4</b>  |                               | <b>2</b>  |                                 | <b>0</b>  |  |
| <b>Total Credits</b>      | <b>16</b> |                               | <b>14</b> |                                 | <b>14</b> |  |

183 Total Credits (180 Minimum)

121 Total Major Credits (117 Minimum NASD)

48 Total Gen Ed Credits (45-54 Minimum NASD)

36 Area Satisfying Credits

8 Written English Credits

83 Upper Division Credits (62 Minimum)

14 Elective Credits (9-18 Minimum NASD)

## Dance Technique

## Theory/Creative Practice/Performance



# Goals

- Hire a new Tenure-Track faculty specializing in Jazz and Hip-hop Fall 2021.
- Welcome 1<sup>st</sup> Year BFA class Fall 2021.
- Apply for NASD accreditation Winter 2023.
- Have full BFA cohort and 1<sup>st</sup> graduating class AY 2024-2025.

Thank You!



## **Agenda Item #7**

### **Capital Planning**

- ZIRC Renovation Project Authorization
- Annual Capital Planning and Sustainability Report and Dashboards

The Board of Trustees is asked to authorize a capital project involving renovations of the UO's Zebrafish International Resource Center (ZIRC) facility. The project is estimated to cost approximately \$8.8 million, thus requiring board approval.

The project is supported by ZIRC, the Institute of Neuroscience, the College of Arts and Sciences, the Vice President for Research and Innovation, and the Provost.

The below information is provided by Monte Westerfield, Professor of Biology and a member of the UO's Institute of Neuroscience.

### **ZIRC History**

Biomedical research using zebrafish began at the University of Oregon in the 1970's with the pioneering work of George Streisinger. Today, more than 1,000 laboratories in 41 countries use zebrafish to model human biology and disease, as well as to study basic principles of biology. The UO is known worldwide as the birthplace of zebrafish research. Today, in addition to eight zebrafish research laboratories, UO is home to ZIRC and the Zebrafish Information Network (ZFIN), two unique resources that serve vital functions for the international research community.

With the growth of zebrafish research and, particularly, the invention of powerful genetic techniques for studying gene function, it became apparent by the mid-1990's that the research community needed a centralized resource for storing genetic stocks of zebrafish. In response to this need, we established ZIRC on the University of Oregon campus in 1998 as the resource to maintain and distribute genetic lines of zebrafish and other research materials to the international biomedical research community. ZIRC also conducts husbandry research and provides diagnostic health, veterinary, and husbandry services. We currently have more than 40,000 genetic lines of zebrafish. Scientists visit ZIRC to be trained in sperm freezing, husbandry, and health program development. ZIRC has distributed more than a million animals to laboratories in the USA and more than 25 other countries. ZIRC has been granted the status of National Biomedical Models Research Center by the National Institutes of Health (NIH).

Core funding for ZIRC comes from an NIH grant with an annual budget of \$2 million, generating more than \$500,000 in F&A for the UO every year. It also typically has 1-2 research grants at ~\$100,000 each per year. Sales and services generate about \$500,000 in additional annual income. ZIRC employs 19 full-time employees and many undergraduate student workers who often go on to successful careers in biology or medicine.

The ZIRC building was constructed in 1999. The bulk of the funds were provided by State of Oregon bonds. An NIH infrastructure construction grant provided additional money. Funding was sufficient to construct a 10,000 square foot building with an aquarium room for fish, a small laboratory, a quarantine room, and offices for up to 9 employees. As our needs have grown, we have moved some of our staff into a nearby World War II era Quonset hut. Current operations and animal support are limited by space constraints.

### **Project Overview**

The UO has secured a second NIH infrastructure construction grant that will support renovation and expansion of the ZIRC building. The grant will also provide funds to replace and upgrade much of our 20-year-old aquaculture equipment, research space, and biosafety. We have enlisted a local architecture firm that has extensive experience with zebrafish facility design and construction, including recent renovation of the Huestis Hall zebrafish research facility on the UO campus that was also funded by an NIH infrastructure construction grant. We have a solid construction plan and quotes for equipment.

Goal 1: We will modernize zebrafish life support systems. We will replace the 4 inefficient, below-capacity water systems with modern, high-efficiency systems on a smaller footprint. The new systems will hold more water and will have higher flow-rates with automated water speed and flow control. A bridge crane and increased aquaculture space will also generate better access to water conditioning equipment and enable optimal maintenance and repair. The addition of aquaculture support/auxiliary spaces and remodeling of the main fish room with four new isolated fish racks will enhance personnel safety, operational flexibility, and genotyping capacity.

Goal 2: We will improve equipment sanitation. We will triple equipment cleaning throughput by expanding the washer room and adding a walk-in washer. This will allow parallel processing of more equipment per day. To quadruple the throughput and for better biosecurity considerations, we will add four under-counter washers in the main fish room and in spaces outlined in Goal 3. This will help separate more effectively animal operations with varying health status levels and will isolate the new quarantine space from the rest of the facility.

Goal 3: We will increase quarantine space and throughput of fish imports. We will construct an additional quarantine space with combined flow-through and recirculating water capability. This will enable simultaneous processing of fish imports from outside facilities with various biosecurity levels with individualized quarantine strategies and prevent backlogs for the importation pipeline.

Goal 4: We will modernize the building infrastructure to address current operational bottlenecks. We will expand laboratory space to isolate the bench space for fish diagnostic

services and to double the number of PCR thermal cyclers used for line genotyping. We will expand the cryogenic freezer space to hold up to 15 freezers (currently seven). We will add a new IT office to improve staff interaction and efficiency of database development.

### **Disruption to Services**

The bulk of the renovation will be an addition on the outside of the current building. The impact of this construction on the inside of the building will require some reduction of the colony, and moving tanks and other equipment temporarily to currently unoccupied space. There should not be significant disruptions of general operations, but sales may be reduced due to limitations of tank availability during the aquaculture equipment upgrades. Equipment sanitization will be impacted during short periods when tank washers are temporarily relocated and then later moved to their final locations.

### **Estimated Costs and Source(s) of Funds**

The total cost estimate for this project is \$8.8. Two NIH grants will cover \$8.3 million of this and the Office of the Vice President for Research and Innovation has pledged \$550,000. No other institutional dollars would be used. If there are any small additional costs, those would be funded by additional grants or other external funding.

### **Anticipated Timeline Pending Board Approval**

- December 2020 – Board of Trustees consideration
- March 2020 – Construction begins
- February 2022 – Anticipated completion



# Zebrafish International Resource Center (ZIRC)

Research Restoration and Expansion

## PROJECT DESCRIPTION

Biomedical research using zebrafish began at the University of Oregon in the 1970's. Today, more than 1000 laboratories in 41 countries use zebrafish to model human biology and disease, as well as to study basic principles of biology. UO is known worldwide as the birthplace of zebrafish research.

In addition to 8 zebrafish research laboratories, UO is home to the Zebrafish International Resource Center (ZIRC) and the Zebrafish Information Network (ZFIN), two unique resources that serve vital functions for the international research community.

The National Institute of Health (NIH) has awarded a construction grant of up to \$8M to support the modernization of existing or new infrastructure for biomedical research facilities. This opportunity would allow for the modernization of the existing 10,000 square foot ZIRC building that was constructed in 1999. Grant funding would also allow for the replacement of the 20-year-old aquaculture equipment systems

## CURRENT PROJECT (PENDING BOT APPROVAL)

### Objectives

- Replace existing aquaculture filtration equipment that supports the main fish room.
- Expand the existing ZIRC building to create more efficient support spaces and increase their operational capacity. Building expansion will be up to approximately 5,000 sf.
- Incorporate a second quarantine room that will double current capacity.
- Improve equipment cleaning throughput and efficiency with new equipment and improvements to the circulation of dirty and clean equipment.
- Add space for cryogenic freezers to increase long-term resource storage.
- Upgrade building mechanical, plumbing, and electrical systems to support new equipment and spaces, as required.

### Current Project Status

Construction Documents are being prepared for a final NIH review in early 2021.

## PROJECT STATS



**Project Type:** Equipment and Building Renovation and Expansion

**Space Type:** Research

**Project Square Footage:** 9,742

Addition 4,875 sf, Renovation 4,867 sf

**Anticipated Budget:** \$8.8M

**Funding Source(s):**

\$8M - CO6 Grant (Grant allowable)

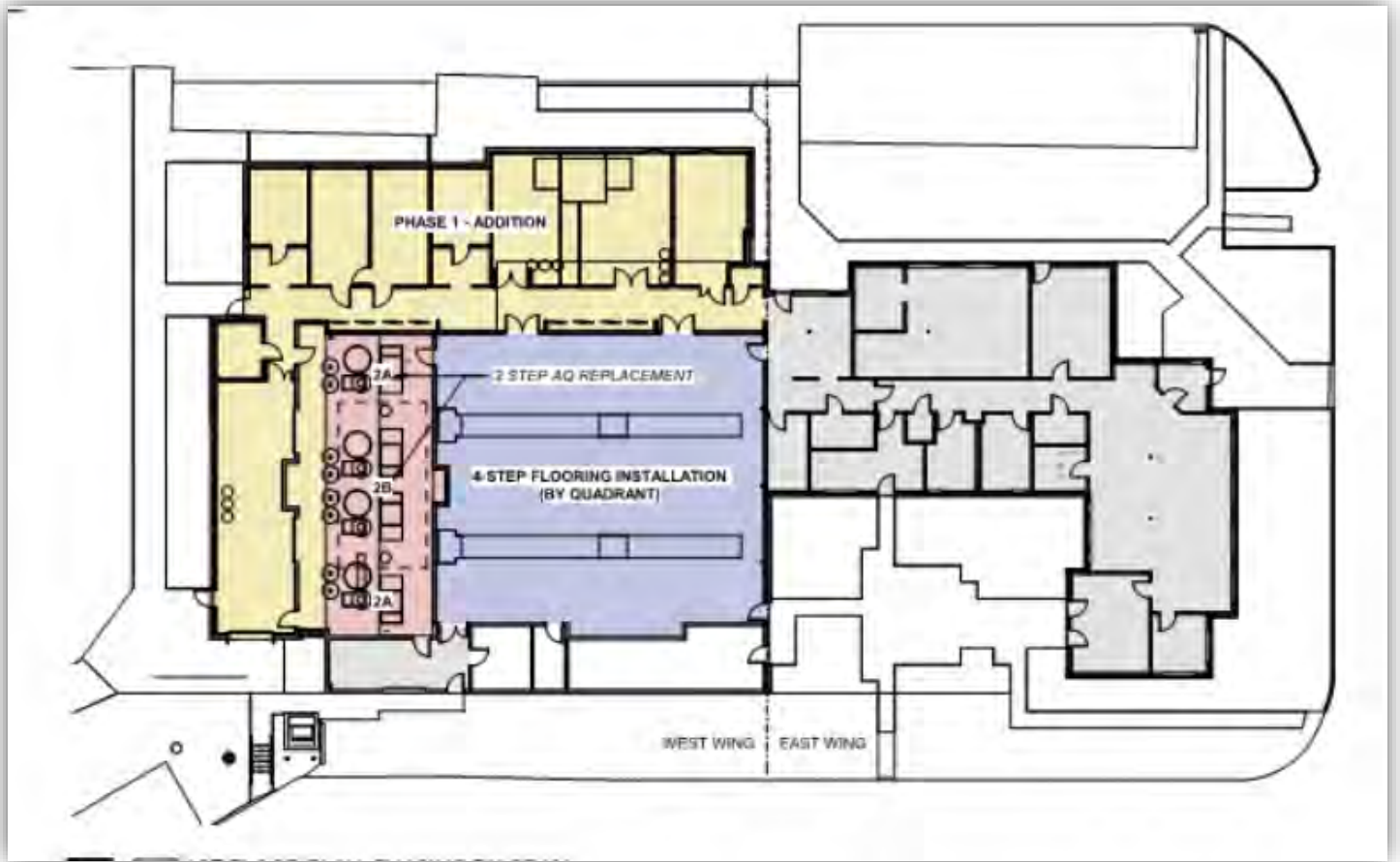
\$.55M – VPRI (Non-grant allowable)

\$.25M – Supplemental Grant

**Expected Completion:** Summer 2022



FLOOR PLANS



RENDERINGS



Southwest Corner



Northwest Corner

**Board of Trustees of the University of Oregon**

**Resolution: Authorization for ZIRC Renovation Project**

Whereas, the University of Oregon is committed to providing faculty with physical space necessary to conduct scholarship and research;

Whereas, The UO is home to the Zebrafish International Resource Center (ZIRC), constructed in 1999, which helps solidify the UO’s ongoing reputation as the global pioneer and leader in zebrafish-based research;

Whereas, the UO has been awarded a total of \$8.3 million in grants from the National Institutes of Health (NIH) to substantially fund much-needed renovations to the ZIRC facility, the Office of the Vice President for Research and Innovation has committed \$550,000, and any remaining costs, should there be any, would be covered by additional grants or other external funds;

Whereas, University of Oregon policies require approval by the Board of Trustees for a capital project that is anticipated to exceed \$5 million; and,

Whereas, the FY21 capital expenditure authorization previously approved by the Board of Trustees in June 2020 must be amended to include this project and associated expenditures.

Now, therefore, the Board of Trustees hereby authorizes the capital project to renovate the ZIRC facilitate as articulated in the summary materials accompanying this resolution and correspondingly increases the FY21 capital expenditure authorization limit by \$8.8 million for a new total of \$169.2 million (plus or minus three percent as noted in the June authorization).

*--Vote Recorded on the Following Page--*

Moved: \_\_\_\_\_

Seconded: \_\_\_\_\_

| Trustee   | Vote | Trustee  | Vote |
|-----------|------|----------|------|
| Aaron     |      | Lillis   |      |
| Bragdon   |      | McIntyre |      |
| Colas     |      | Murray   |      |
| Ford      |      | Ralph    |      |
| Gonyea    |      | Seeley   |      |
| Hornecker |      | Wilcox   |      |
| Kari      |      | Wishnia  |      |

Record here if voice vote without dissent: \_\_\_\_\_

Dated: \_\_\_\_\_

Recorded: \_\_\_\_\_



UNIVERSITY OF OREGON

# University of Oregon Ten-Year Capital Plan

## December 4, 2020

Presentation to the UO Board of Trustees

Michael Harwood, FAIA  
AVP for Campus Planning and Facilities Management



# Agenda

- Project Dashboard
- Project Escalation
- Capital Plan Criteria and Overview
- Capital Plan Category Description
- Additional Considerations
  - Sustainability
  - Deferred Maintenance
  - Funding Sources
  - University Debt



# Project Dashboard

|                                    | Project Name   | Substantial Completion Date | BOT Approval/Signature Approved Budget | Current Project Budget | Project Square Footage | Cost per Square Foot | Budget Comparison to BOT/ Legislature Budget Status   | Schedule performance   | Meets Program Needs   | Unanticipated/Deferred Maintenance Issues                    | LEED Certification  | Comments   |
|------------------------------------|--|-----------------------------|--|------------------------|------------------------|----------------------|---|------------------------|-----------------------|--|---|--|
| HISTORICAL                         | Grady Hall Deferred Maintenance                              | Mar 2016                    | \$ 20,760,000                          | \$ 21,319,000          | 44,894                 | \$ 476.19            | ●   | ●                      | ●                     | ●  | Gold  | 17.7% Less Cost than Forecasted.   |
|                                    | Grady Hall Addition  | Mar 2016                    | \$ 22,000,000                          | \$ 22,879,865          | 560,300                | \$ 408.54            | ●   | ●                      | ●                     | ●  | Gold  | Added design scope (kitchen, etc)  |
|                                    | Central Kitchen / Foodservice                                | Mar 2016                    | \$ 8,500,000                           | \$ 8,890,210           | 215,500                | \$ 41.174            | ●   | ●                      | ●                     | ●  | Targeting Gold  | Cost control and added removal of emergency grease trap. Schedule delay impacted by failed initial Design/Build pre-proposal. Final bid is certified as still in process based on completion.  |
|                                    | Central Kitchen Addition                                     | Mar 2016                    | \$ 16,500,000                          | \$ 17,200,000          | 222,800                | \$ 77.21             | ●   | ●                      | ●                     | ●  | Gold  | Square Footage Calculation does not include field area, impacts cost/CF  |
|                                    | 10th Residential Addition                                    | Jan 2016                    | \$ 9,000,000                           | \$ 9,262,265           | 209,900                | \$ 44.142            | ●   | ●                      | ●                     | ●  | Platinum  | Added specific artwork at the 10th floor and other rooms on the 10th floor.  |
|                                    | Proctor Center Corridor                                      | Jan 2016                    | \$ 19,700,000                          | \$ 19,700,000          | 45,000                 | \$ 437.55            | ●   | ●                      | ●                     | ●  | Gold  | Added work associated with the visualization lab and maintain. Significant amounts of deferred maintenance also for HVAC, Electrical and structural systems impacted the project.  |
|                                    | Research Hall  | Jul 2017                    | \$ 8,725,000                           | \$ 8,267,000           | 94,700                 | \$ 87.290            | ●   | ●                      | ●                     | ●  | N/A   |  |
|                                    | 10th year life science hall                                  | Jul 2017                    | \$ 45,000,000                          | \$ 44,265,324          | 1,169,500              | \$ 37.824            | ●   | ●                      | ●                     | ●  | Gold  |  |
|                                    | Engineering Hall   | Jan 2018                    | \$ 30,700,000                          | \$ 30,350,000          | 243,900                | \$ 124.491           | ●   | ●                      | ●                     | ●  | Gold  |  |
|                                    | Pacific Hall (Phase)   | Feb 2018                    | \$ 36,900,000                          | \$ 33,370,000          | 83,300                 | \$ 399.74            | ●   | ●                      | ●                     | ●  | N/A - Partial Reno  |  |
| RECENTLY COMPLETED                 | Engineering life sciences                                    | Jan 2019                    | \$ 9,500,000                           | \$ 11,300,000          | 56,000                 | \$ 201.61            | ●   | ●                      | ●                     | ●  | N/A - Partial Reno  | Added computing center help desk to original project. 4 months to design and program build adjustments which add scope   |
|                                    | 10th floor Hall  | Jan 2019                    | \$ 46,000,000                          | \$ 45,580,000          | 64,000                 | \$ 712.19            | ●   | ●                      | ●                     | ●  | Gold  | Additional scope was added on January 2019, which included bar elements and 4th floor build out, since the scope addition, both schedule and budget were exceeded in the project came to a close.                                      |
|                                    | Research Hall Residential Addition                           | Aug 2019                    | \$ 49,000,000                          | \$ 49,000,000          | 174,500                | \$ 275.01            | ●   | ●                      | ●                     | ●  | Gold  | Additional funds were for Administrative Addition added to the original residential scope.   |
|                                    | University Health and Counseling                             | Aug 2020                    | \$ 19,000,000                          | \$ 20,300,000          | 49,700                 | \$ 408.40            | ●   | ●                      | ●                     | ●  | N/A   | Additional information acquired.   |
|                                    | Research Hall 3rd floor                                      | Sept 2020                   | \$ 18,700,000                          | \$ 22,900,000          | 25,000                 | \$ 916.00            | ●   | ●                      | ●                     | ●  | N/A - Partial Reno  | Delayed start and significant unanticipated infrastructure / deferred maintenance issues. Budget adjustments provided at a general on December 2019. Since approval, project was completed on schedule and within the approved budget. |
|                                    | Light Campus Bldg & Bridge                                   | Oct 2020                    | \$ 226,000,000                         | \$ 214,500,000         | 1,749,800              | \$ 122.619           | ●   | ●                      | ●                     | ●  | Targeting Gold  | Total cost includes 2.7% for design. Cost/CF includes 5.5% for bid plus price delays from the original schedule and contract.  |
|                                    | Midsize Drive Parking Structure for the light campus project | Nov 2020                    | NA                                     | \$ 22,300,000          | 11,890                 | \$ 1876.11           | ●   | ●                      | ●                     | ●  | N/A   | This is part of the overall Light Campus project. Delays from the original schedule due to COVID. Added 2 floors to the garage to build since the development of initial scope and budget.   |
|                                    | Auditorium and Video Board                                   | Nov 2020                    | \$ 12,000,000                          | \$ 12,000,000          | N/A                    | N/A                  | ●   | ●                      | ●                     | ●  | N/A   | Project in the construction phase for phases   |
|                                    | Housing Transformation Project #1a                           | Jan 2021                    | \$ 103,000,000                         | \$ 99,400,000          | 209,000                | \$ 475.61            | ●   | ●                      | ●                     | ●  | Targeting Gold  | Along with #1a, funding for Phase 2 Design/Build is also approved by BOT   |
|                                    | Biogenetic Research Laboratory                               | Dec 2021                    | \$ 6,700,000                           | \$ 6,700,000           | 140                    | 140                  | ●   | ●                      | ●                     | ●  | N/A   | idbrags  |
| Central Health Services            | Sept 2022  | PHSD 766                    | \$ 8,900,000                           | 101,800                | \$ 87,030              | ●                    | ●   | ●                      | ●                     | N/A - Partial Reno   | idbrags, #10 Review 12/2020                                       |  |
| NEW                                | Grady Hall Deferred Maintenance Project                      | Jan 2024                    | \$ 64,800,000                          | \$ 64,800,000          | 640,000                | \$ 101.250           | ●   | ●                      | ●                     | ●  | Targeting Gold  | Legal start's approval - BOT Review/Approval has not yet occurred. Starting program and concept design. Budget includes an increase not yet completed.   |
|                                    | Research Hall Development                                    | Dec 2024                    | ●                                      | ●                      | ●                      | ●                    | ●   | ●                      | ●                     | ●  | ●   | BOT Review/Approval has not yet occurred   |
|                                    | 10th floor Infrastructure Phase 1                            | ●                           | ●                                      | \$ 14,000,000          | 140                    | 140                  | ●   | ●                      | ●                     | ●  | ●   | idbrags, #10 Review/Approval has not yet occurred  |
|                                    | Housing Transformation Project #1b                           | Nov 2023                    | ●                                      | \$ 127,400,000         | 405,000                | \$ 314.570           | ●   | ●                      | ●                     | ●  | ●   | idbrags, #10 Review/Approval has not yet occurred  |
| Housing Transformation Project #1c | Jul 2024   | ●                           | \$ 9,900,000                           | N/A                    | N/A                    | ●                    | ●   | ●                      | ●                     | ●  | idbrags on program reqs. BOT Review/Approval has not yet occurred |  |
| HYPOTHETICAL                       | ●  | N/A                         | N/A                                    | N/A                    |                        |                      | Budget exceeds that of BOT / LEED or other standards upon program development. AND/OR single BOT approval | on schedule            | Program not awarded   | All other issues anticipated                                 |   |  |
|                                    | ●  | N/A                         | N/A                                    | N/A                    |                        |                      | Additional funds above 5% (not for Program Enhancements) but not to BOT approval                          | 2-3 month delay        | Minor loss of Program | Less than 5% scope increase due to unanticipated cost issues |   |  |
|                                    | ●  | N/A                         | N/A                                    | N/A                    |                        |                      | Additional funding requiring BOT Approval   | 6 months greater delay | Major loss of Program | More than 5% scope increase due to unanticipated cost issues |   |  |

# Project Escalation Tracking

Years 2010 - 2020

| Project  | Final Budget  | Project Area (\$/F) | Bid Year | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   | 2017     | 2018     | 2019     | Escalation to 2020 | NOTES  |
|--|---------------|---------------------|----------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|--------------------|--|
| <b>ANNUAL REGIONAL INFLATION RATES</b> (Rates provided by Rider Levett Bucknall)     |               |                     |          | 0.32%  | 2.05%  | 0.87%  | 1.74%  | 6.02%  | 4.61%  | 4.58%  | 6.05%    | 6.50%    | 5.67%    | 1.75%              |  |
| <b>ACADEMICS</b>   |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>\$/SF Project Cost</b>  |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>FENTON HALL*</b><br>Deferred Maintenance  | \$7,405,190   | 27,978              | 2010     | \$ 265 | \$ 270 | \$ 272 | \$ 277 | \$ 294 | \$ 307 | \$ 322 | \$ 341   | \$ 363   | \$ 384   | \$ 390             | Significant seismic upgrades   |
| <b>STRAUB HALL*</b><br>Deferred Maintenance  | \$21,519,000  | 43,361              | 2013     |        |        |        | \$ 496 | \$ 526 | \$ 550 | \$ 576 | \$ 610   | \$ 650   | \$ 687   | \$ 699             | Includes seismic upgrades  |
| <b>STRAUB &amp; EARL</b><br>Classroom Expansion                                      | \$22,974,665  | 59,570              | 2014     |        |        |        |        | \$ 386 | \$ 403 | \$ 422 | \$ 447   | \$ 477   | \$ 504   | \$ 512             | Very constrained site conditions   |
| <b>PRICE SCIENCE COMMONS</b><br>Addition and Renovation                              | \$19,733,490  | 44,300              | 2015     |        |        |        |        |        | \$ 445 | \$ 466 | \$ 494   | \$ 526   | \$ 556   | \$ 566             | Underground and difficult access; deferred maintenance upgrades, unique plaza/roof |
| <b>OBF (OREGON BACH FESTIVAL) BERWICK HALL</b><br>New Performing Arts Building       | \$8,787,000   | 9,419               | 2015     |        |        |        |        |        | \$ 933 | \$ 976 | \$ 1,035 | \$ 1,102 | \$ 1,164 | \$ 1,185           | Specialized rehearsal sound space  |
| <b>OREGON HALL RENOVATIONS</b><br>Renovation   | \$11,870,000  | 56,400              | 2017     |        |        |        |        |        |        |        | \$ 210   | \$ 224   | \$ 237   | \$ 241             | Significant surging of staff   |
| <b>CHAPMAN HALL</b><br>Renovation  | \$10,850,000  | 23,388              | 2017     |        |        |        |        |        |        |        | \$ 464   | \$ 494   | \$ 522   | \$ 531             |  |
| <b>TYKESON HALL</b><br>New Building  | \$42,548,000  | 64,000              | 2017     |        |        |        |        |        |        |        | \$ 665   | \$ 708   | \$ 748   | \$ 761             | Added basement mid-way through design  |
| <b>RESEARCH and SCIENCES</b>   |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>PACIFIC HALL B-2 FLOOR LABS*</b><br>Renovation/Deferred Maintenance - South Wing  | \$22,120,000  | 31,365              | 2016     |        |        |        |        |        |        | \$ 705 | \$ 748   | \$ 797   | \$ 842   | \$ 856             | Significant deferred maintenance to MEP systems                                    |
| <b>KNIGHT CAMPUS</b><br>Building and Bridge  | \$214,500,000 | 173,630             | 2018     |        |        |        |        |        |        |        |          | \$ 1,192 | \$ 1,260 | \$ 1,282           | Cost/sf excludes \$7.5M for property acquisition.                                  |
| <b>MILLRACE DRIVE - PARKING GARAGE</b><br>(part of Knight Campus project)            | \$22,500,000  | 118,980             | 2019     |        |        |        |        |        |        |        |          | \$ 189   | \$ 200   | \$ 203             |  |
| <b>KLAMATH 3RD FLOOR RENOVATION</b><br>Renovation                                    | \$22,900,000  | 25,000              | 2019     |        |        |        |        |        |        |        |          | \$ 916   | \$ 968   | \$ 985             |  |
| <b>STUDENT SUPPORT</b>   |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>SRC EXPANSION</b><br>Addition - Student Rec                                       | \$52,888,017  | 139,434             | 2012     |        |        | \$ 379 | \$ 386 | \$ 409 | \$ 428 | \$ 448 | \$ 475   | \$ 506   | \$ 534   | \$ 544             |  |
| <b>ERB MEMORIAL UNION</b><br>Addition and Partial Renovation                         | \$98,762,185  | 209,943             | 2014     |        |        |        |        | \$ 470 | \$ 492 | \$ 515 | \$ 546   | \$ 581   | \$ 614   | \$ 625             |  |
| <b>UNIVERSITY HEALTH and COUNSELING</b><br>Addition and Renovation                   | \$20,100,000  | 39,700              | 2018     |        |        |        |        |        |        |        |          | \$ 506   | \$ 535   | \$ 544             |  |
| <b>HOUSING</b>   |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>GLOBAL SCHOLARS HALL</b><br>New Residence Hall                                    | \$62,008,389  | 204,863             | 2010     | \$ 303 | \$ 309 | \$ 312 | \$ 317 | \$ 336 | \$ 352 | \$ 368 | \$ 390   | \$ 415   | \$ 439   | \$ 446             |  |
| <b>CENTRAL KITCHEN/WOODSHOP</b><br>New Building                                      | \$8,890,240   | 21,592              | 2015     |        |        |        |        |        | \$ 412 | \$ 431 | \$ 457   | \$ 486   | \$ 514   | \$ 523             |  |
| <b>KALAPUYA ILIHI HALL</b><br>New Residence Hall                                     | \$44,855,123  | 136,653             | 2016     |        |        |        |        |        |        | \$ 328 | \$ 348   | \$ 371   | \$ 392   | \$ 399             | Complicated building form due to solar access to the Many Nations Longhouse        |
| <b>BEAN HALL EAST/WEST RENOVATION</b><br>Addition and Renovation                     | \$48,000,000  | 174,540             | 2018     |        |        |        |        |        |        |        | \$ 275   | \$ 293   | \$ 309   | \$ 315             |  |
| <b>HOUSING TRANSFORMATION PROJECT</b><br>Replacement Buildings (Hamilton and Walton) | \$219,500,000 | 515,000             | 2019     |        |        |        |        |        |        |        |          |          | \$ 426   | \$ 434             | Started Ph1 construction and design of Ph2 (\$101M BOT Approved)                   |
| <b>ATHLETICS</b>   |               |                     |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>JANE SANDERS STADIUM</b><br>New Stadium   | \$17,200,000  | 27,336              | 2015     |        |        |        |        |        | \$ 629 | \$ 658 | \$ 698   | \$ 743   | \$ 785   | \$ 799             | Square foot numbers represent the building, not the field                          |

\* Deferred Maintenance

# Capital Plan Decision Criteria

- Supports
  - University Mission
  - Institutional Priorities
  - Research Areas of Focus
- Informed by
  - Building Condition Assessments
  - Infrastructure Assessment
  - Space Needs Analysis

# Some Recently Completed Projects

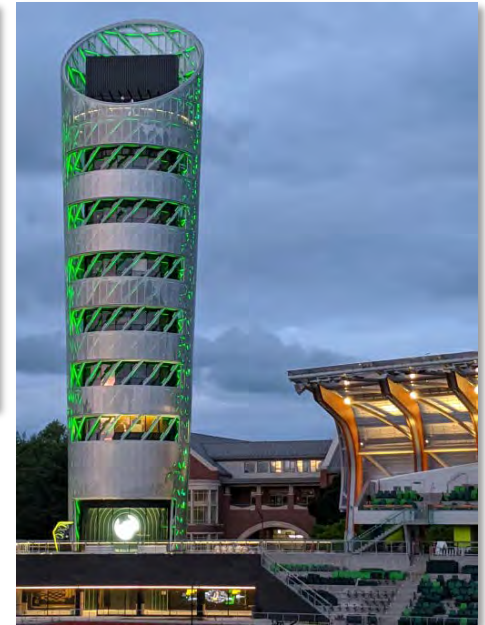


Knight Campus Phase 1



Lyllie Reynolds-Parker Black Cultural Center

Hayward Field



Tykeson Hall

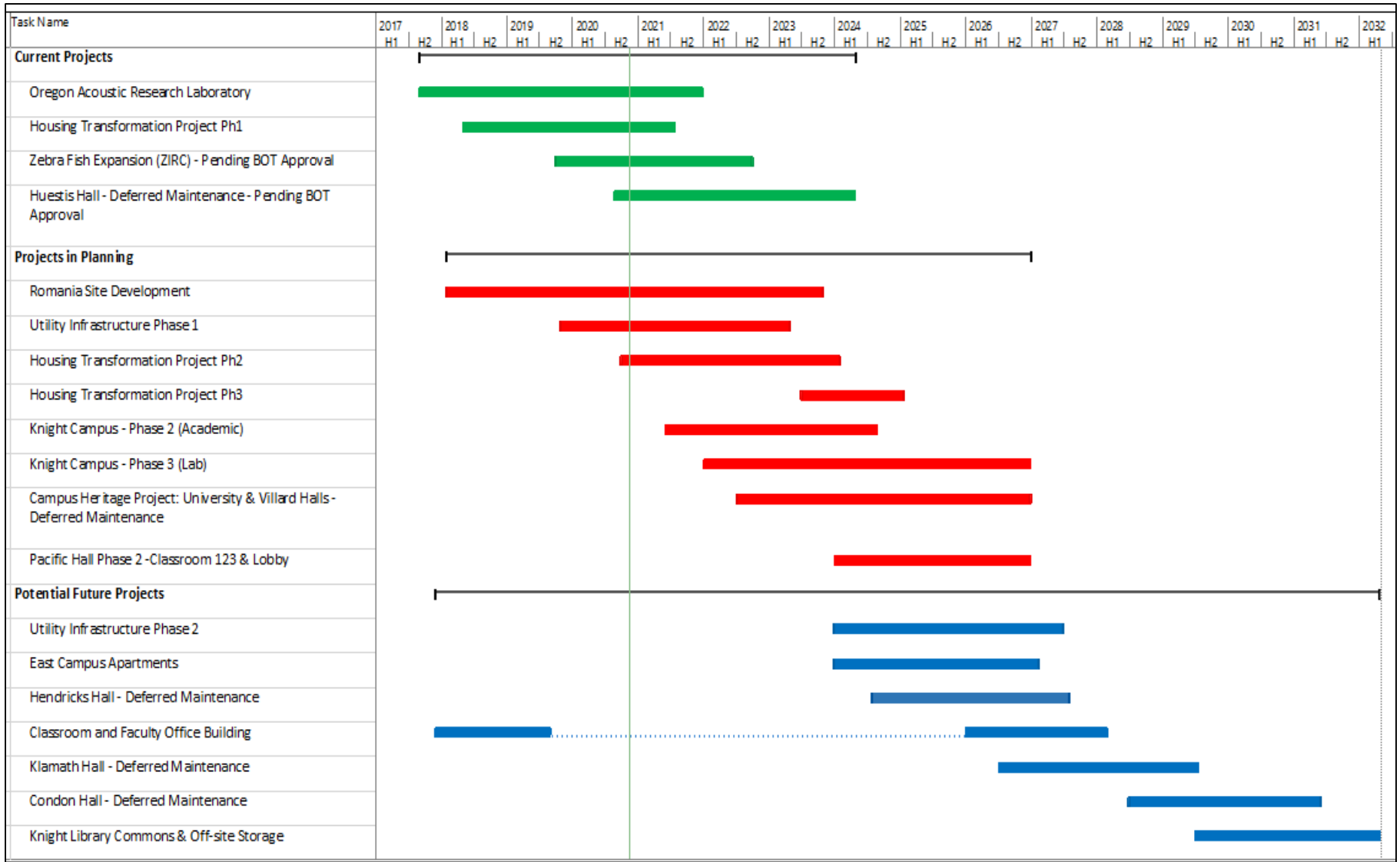


Klamath 3<sup>rd</sup> Floor Labs



University Health Services

# Overview of Capital Development Plan





# Overview of Capital Development Plan



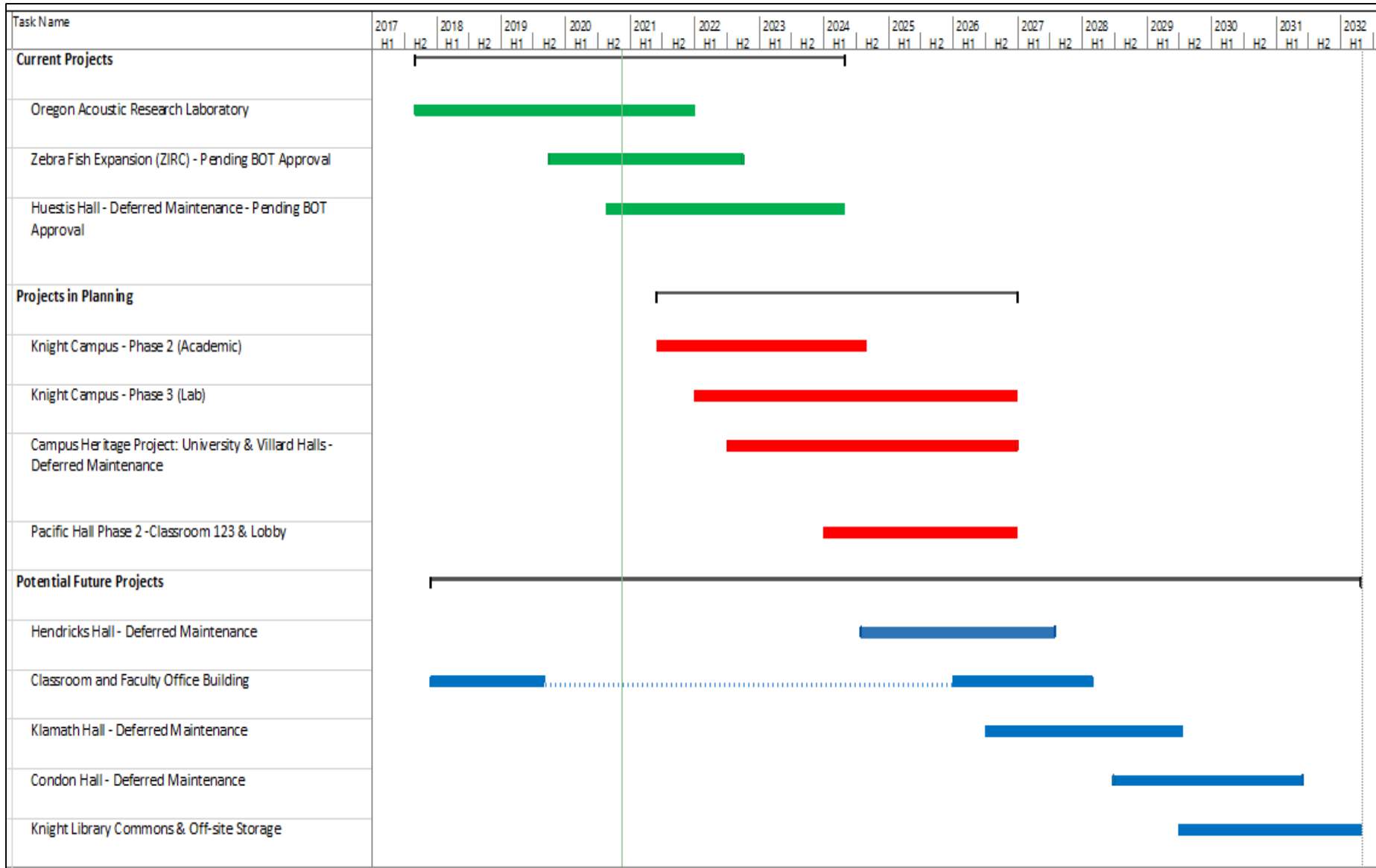
■ Current Projects    ■ Planned Projects    ■ Potential Future Projects

# Breakdown of Project Types

## Project Types

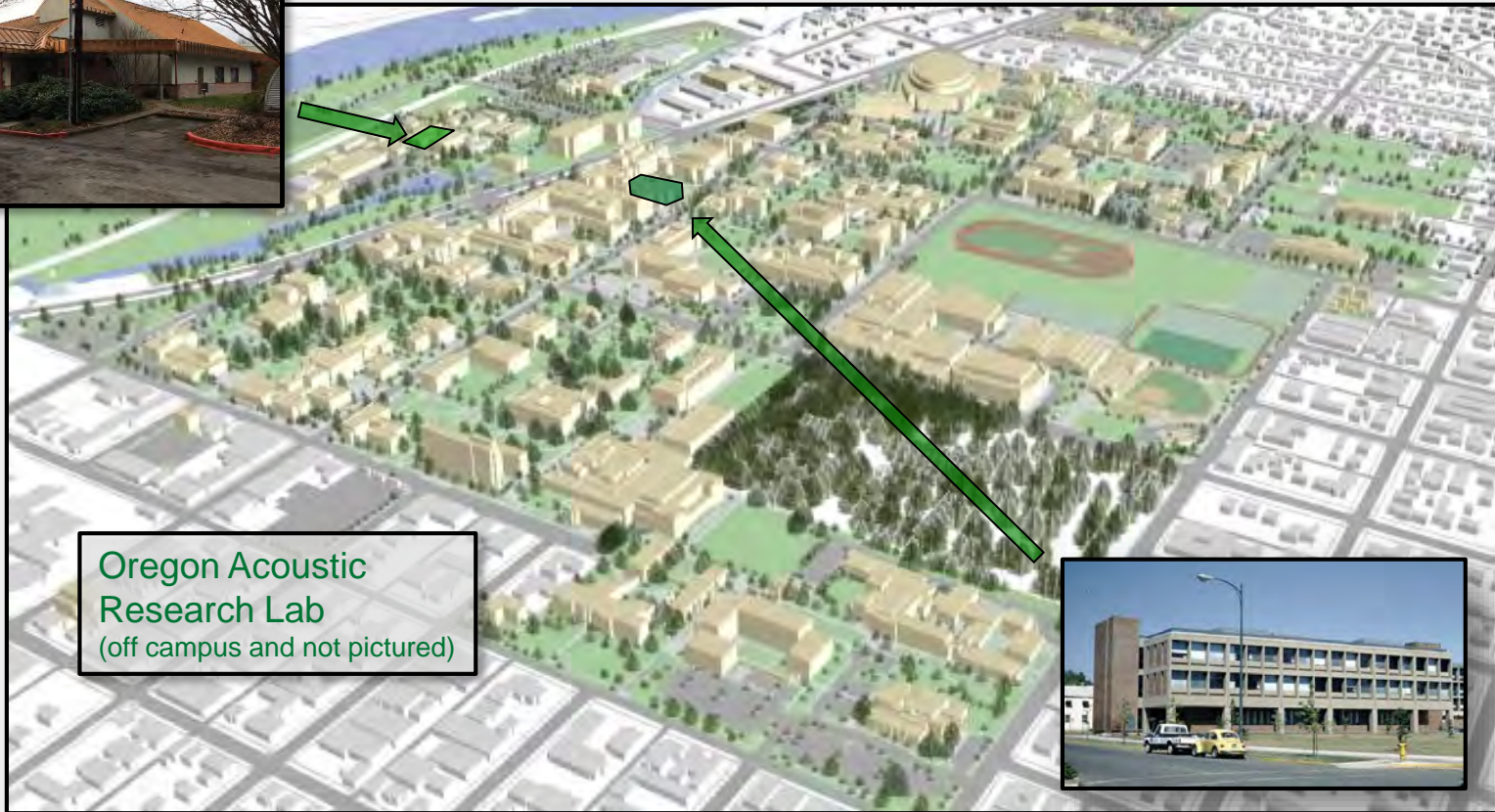
- Academic Projects
- Student Services and Enrollment Management
- Other Projects

# Academic Project Breakdown



# Current Academic Project Breakdown

## ZIRC Expansion



Oregon Acoustic  
Research Lab  
(off campus and not pictured)



Huestis Hall Deferred Maintenance



# Projects in Planning: Academic Project Breakdown



**Knight Campus Phase 3  
Research Building**



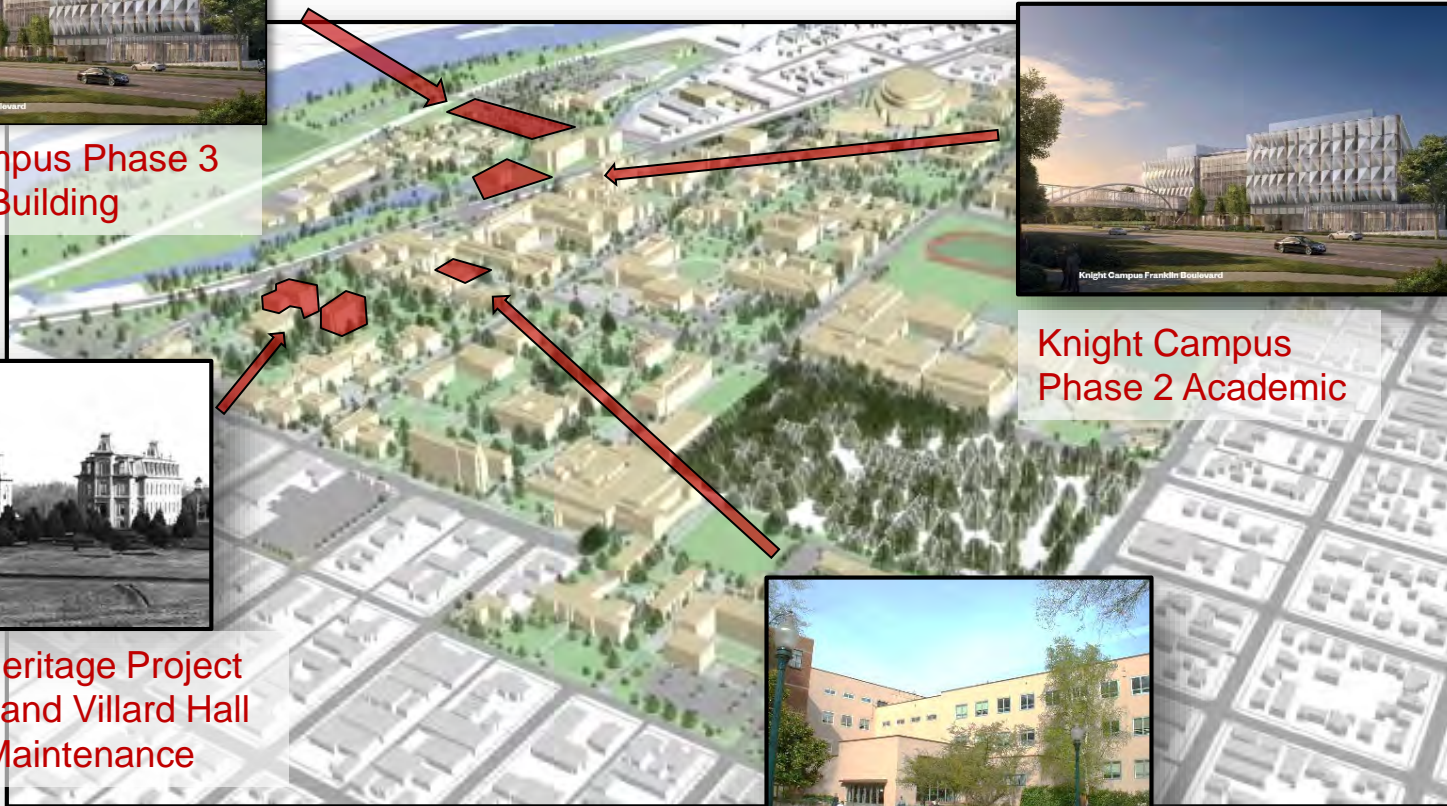
**Knight Campus  
Phase 2 Academic**



**Campus Heritage Project  
University and Villard Hall  
Deferred Maintenance**



**Pacific Hall Phase 2  
Classroom 123 & Lobby**





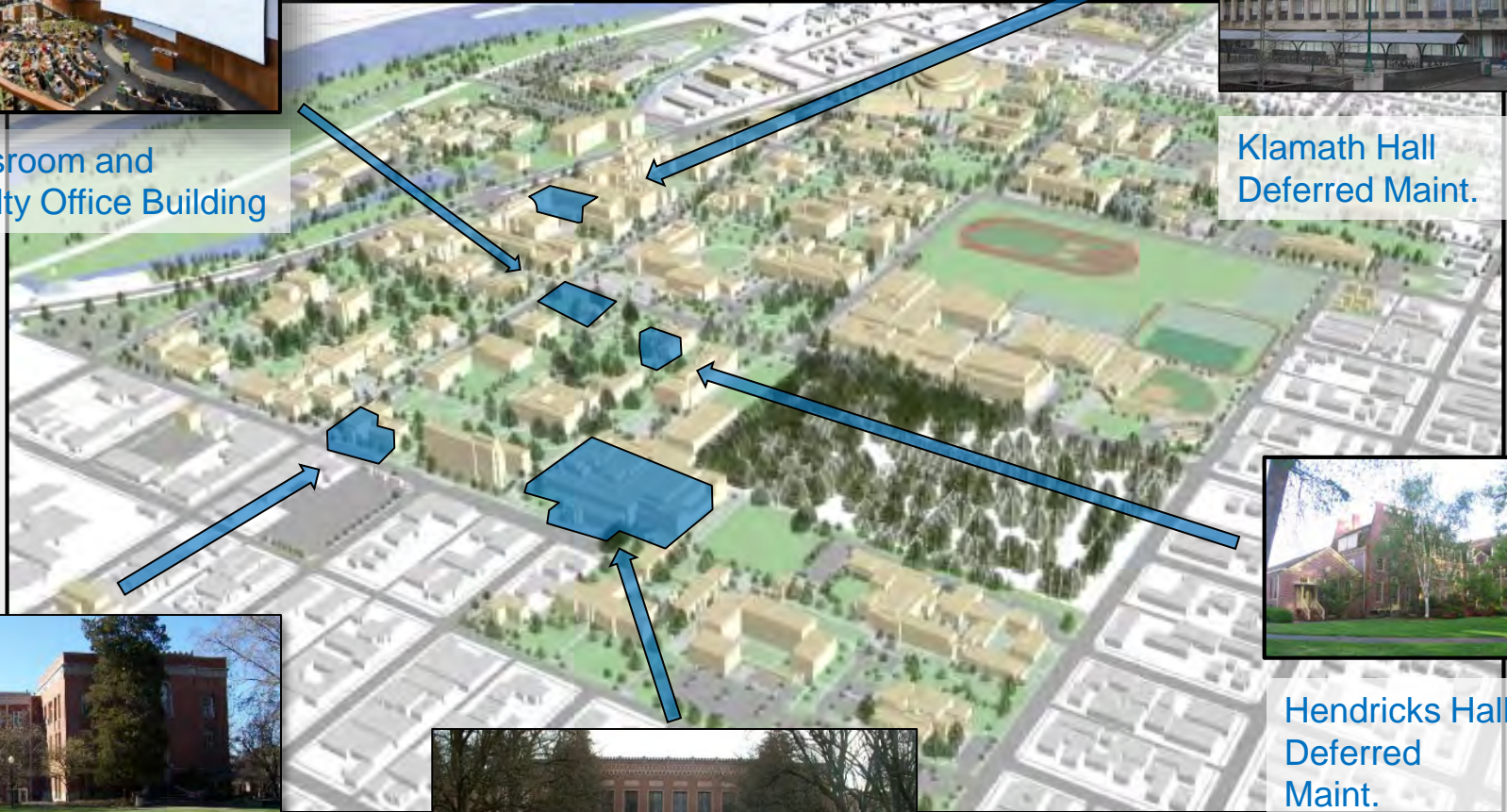
# Potential Future Academic Project Breakdown



Classroom and Faculty Office Building



Klamath Hall  
Deferred Maint.



Hendricks Hall  
Deferred Maint.



Condon Hall Deferred Maint.



Knight Library Commons & Off-site Storage



# Student Services and Enrollment Management Project Breakdown

| Task Name                          | 2017 |    | 2018                                   |    | 2019 |    | 2020 |    | 2021 |    | 2022 |    | 2023 |    | 2024 |    | 2025 |    | 2026 |    | 2027 |    | 2028 |    |
|------------------------------------|------|----|--|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|
|                                    | H1   | H2 | H1                                     | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 |
| <b>Current Projects</b>            |      |    | [Timeline bar from H1 2018 to H2 2021] |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| Housing Transformation Project Ph1 |      |    | [Green bar from H1 2018 to H2 2021]    |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| <b>Planned and Likely Projects</b> |      |    | [Timeline bar from H1 2020 to H2 2025] |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| Housing Transformation Project Ph2 |      |    | [Red bar from H1 2020 to H2 2023]      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| Housing Transformation Project Ph3 |      |    | [Red bar from H1 2023 to H2 2024]      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| <b>Potential Future Projects</b>   |      |    | [Timeline bar from H1 2024 to H2 2027] |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |
| East Campus Apartments             |      |    | [Blue bar from H1 2024 to H2 2028]     |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |

# Student Services and Enrollment Management Project Breakdown

## Housing Transformation Project – Ph3



East Campus  
Apartments



Housing Transformation  
Project - Ph2

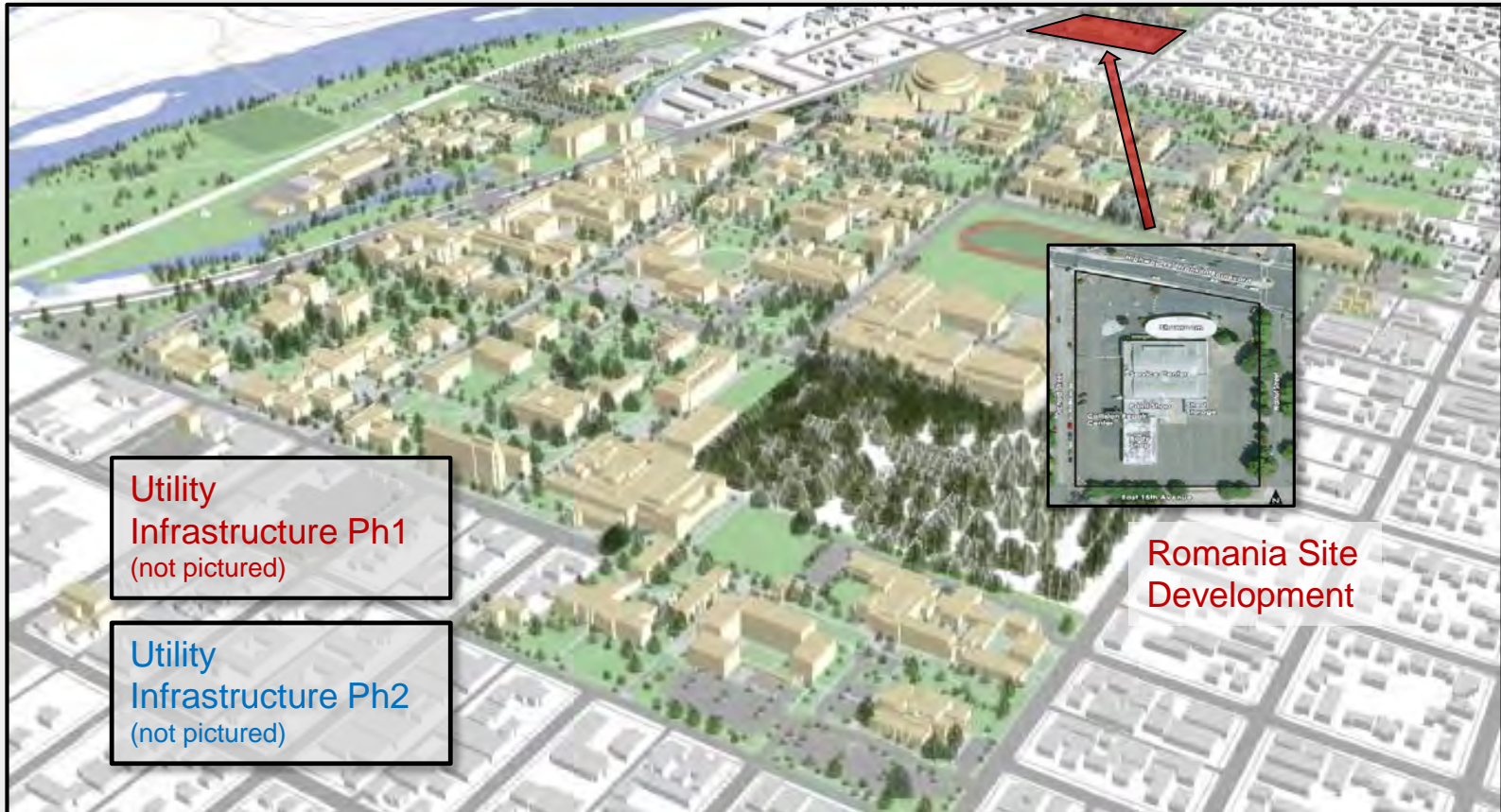


Housing Transformation  
Project – Ph1





# Other Projects Breakdown



# Additional Considerations

- Sustainability
- Deferred Maintenance
- Infrastructure Requirements
- Funding Sources
  - Current Projects
  - Planned/Likely Projects
- University Debt



UNIVERSITY OF OREGON

# **Sustainability at the University of Oregon**

## **December 4, 2020**

Presentation to the UO Board of Trustees

Steve Mital

Director of Office of Sustainability



**New interactive web-based dashboard will track performance across nearly 20 metrics.**

**Institutional sustainability data can be used by faculty and students to support teaching and research.**

**UO Sustainability Dashboard**

Our faculty, staff, and students respond to environmental and social Sustainability challenges through our curriculum, research, campus operations, and service. Explore the cards below to learn more about our initiatives, plans, progress, and current challenges.

Academics   Engagement   Operations   Planning & Administration

**AIR AND CLIMATE**

University of Oregon's efforts to reduce greenhouse gas emissions start with understanding our emissions sources. Learn more about the UO's carbon emissions and what we're doing to reduce them.

**BUILDINGS**

University of Oregon designs new buildings to meet Leadership in Energy and Environmental Design (LEED) standards. Explore the UO's LEED buildings and what makes them sustainable spaces.

**ENERGY**

The University of Oregon is one of Eugene's largest consumers of electricity and natural gas. Explore how we are planning for our sustainable energy future.

**GROUNDS: STORMWATER**

The University of Oregon's stormwater management system includes over 49 miles of stormwater pipe and over 4400 stormwater structures across our main campus. Explore our stormwater management systems.

**TRANSPORTATION**

University of Oregon's annual commute survey informs our commitment to more sustainable travel choices. See the most recent survey results.

**WASTE**

Waste management at University of Oregon works to both remove and reduce waste, and we support a range of programs to reduce, reuse, and recycle. Examine our waste, recycling and composting, and hazardous materials management data.

**WATER**

**PURCHASING**

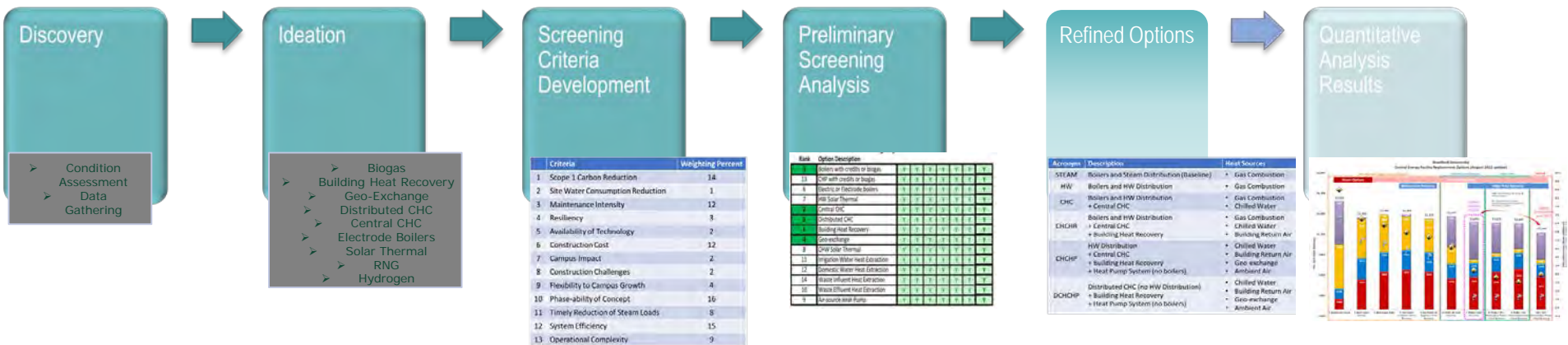
**FOOD AND DINING**



# Climate Action Plan (CAP) 2019-2024

| ACTION  | STATUS             |
|---|--------------------|
| GOVERNANCE: Establish CAP Advisory Group                        | COMPLETE           |
| GOVERNANCE: Update Board Of Trustees Annually                   | ON-GOING           |
| MONITORING: Conduct Annual Emissions Inventory                  | ON-GOING           |
| REVIEW & UPDATE: Oregon Model For Sustainable Development       | COMPLETE           |
| CONSERVATION & EFFICIENCY: Replace Tunnel Steam Pipe Insulation | IN PROGRESS        |
| CONSERVATION & EFFICIENCY: Establish Energy Management Program  | IN PROGRESS        |
| CONSERVATION & EFFICIENCY: Re-launch Energy Revolving Fund      | COMPLETE           |
| CONSERVATION & EFFICIENCY: Launch Building Optimization Program | COMPLETE           |
| STUDY: Internal Carbon Pricing                                  | COMPLETE           |
| <b>STUDY: Thermal Systems Transition</b>                        | <b>IN PROGRESS</b> |
| STUDY: Temperature Set Points                                   | IN PROGRESS        |
| STUDY: Winter Break Turn-Down Program                           | NOT STARTED        |
| STUDY: LED Retrofit   | NOT STARTED        |
| STUDY: Sustainability Transportation Options                    | IN PROGRESS        |
| STUDY: District Heating And Cooling Efficiency Improvements     | IN PROGRESS        |
| STUDY: Integration with State and/or Regional Carbon Policy     | NOT STARTED        |

# Thermal Systems Transition Study Process and Timeline



# Deferred Maintenance Definitions

- FCA - Facility Condition Assessment
  - Baseline process
- FCI - Facility Condition Index
  - Catch up costs
- FCNI – Facility Conditions Needs Index
  - Catch up costs (FCI) plus 10-year needs projections

# Deferred Maintenance Updates

- Deferred maintenance consultant (ISES) was hired this year to assess 66 mission critical facilities and develop a database for long-term capital planning.
- The assessment and database will allow the University to continually track, prioritize, and manage deferred maintenance in consort with institutional instructional and research objectives.
- The assessment was recently completed and identified approximately \$401M in Deferred Maintenance backlog (compared to \$350M identified by Sitelines 2019).
  - Neither this assessment nor Sitelines included seismic and major site and utility infrastructure deficiencies in these numbers.
- Resulting from the assessment, CPFM is starting the detailed data analysis and prioritization process that will more fully inform future Capital Plans

# Major Funding Sources – Current Projects

| <u>CURRENT PROJECTS</u>            | Board Approval | Gifts & Grants | State-Paid Bonds | Revenue Bonds | Cash |
|------------------------------------|----------------|----------------|------------------|---------------|------|
| Oregon Acoustic Research Lab       | Approved       | ✓              |                  | ✓             | ✓    |
| Housing Transformation Project PH1 | Approved       | ✓              |                  | ✓             | ✓    |
| ZIRC Expansion                     | Pending        | ✓              |                  |               | ✓    |
| Huestis Hall                       | Pending        |                | ✓                | ✓             | ✓    |

# Major Funding Sources – Projects in Planning

|   | Gifts & Grants | State-Paid Bonds | Revenue Bonds | Cash |
|---|----------------|------------------|---------------|------|
| <b><u>Projects in Planning</u></b>        |                |                  |               |      |
| Romania Site Development                  |                |                  |               | TBD  |
| Utility Infrastructure Phase 1            |                |                  | ✓             | ✓    |
| Housing Transformation Project Ph2        |                |                  | ✓             |      |
| Housing Transformation Project Ph3        |                |                  | ✓             |      |
| Knight Campus Ph2 (Academic)              | ✓              |                  |               |      |
| Knight Campus Ph3 (Lab)                   | ✓              |                  |               |      |
| Campus Heritage Project                   |                | ✓                | ✓             | ✓    |
| Pacific Hall Ph2<br>Classroom 123 & Lobby | ✓              |                  | ✓             |      |



# Impacts on UO's Debt Profile

- Portions of the plan rely on state-paid bonds for funding but funding may also come from philanthropy, creative partnerships, or UO-paid debt.
- To ensure the plan remains affordable, UO-paid debt is expected to be issued at a pace that keeps the debt burden ratio between 5.5% to 6.1%.
- FY20 Debt Burden Ratio is 5.7%; below the industry's commonly accepted limit of 7.0%.

# Summary of Projects

## CURRENT PROJECTS

| <u>Project Name</u>                        | <u>New (sf)</u> | <u>Renovated (sf)</u> | <u>Project Budget</u> |
|--|-----------------|-----------------------|-----------------------|
| • Oregon Acoustic Research Facility        | 10,000          |                       | \$ 8.75M              |
| • Housing Transformation Proj. Ph1         | 209,500         |                       | \$ 86.4M              |
| • Zebra Fish Facility Expansion            | 4,875           | 4,867                 | \$ 8.8M               |
| • <u>Huestis Hall Deferred Maintenance</u> |                 | <u>53,850</u>         | <u>\$ 63.6M</u>       |
| Totals                                     | 224,375         | 58,717                | \$ 167.6M             |

# Summary of Projects

## Projects in Planning

| <u>Project Name</u>                             | <u>New (sf)</u> | <u>Renovated (sf)</u> | <u>Anticipated Budget</u> |
|---|-----------------|-----------------------|---------------------------|
| • Romania Site Development                      |                 |                       | TBD                       |
| • Utility Infrastructure Ph1                    | N/A             |                       | \$ 13.0M                  |
| • Housing Transformation Project Ph2            | 305,000         |                       | \$121.3M                  |
| • Housing Transformation Project Ph3            | N/A             |                       | \$ 9.83M                  |
| • Knight Campus Phase 2 (Acad.)                 | 50,000          |                       | TBD                       |
| • Knight Camus Phase 3 (Lab)                    | 150,000         |                       | TBD                       |
| • Campus Heritage Project                       | 79,074          |                       | \$ 64.4M                  |
| • <u>Pacific Hall Phase 2 – 123 &amp; Lobby</u> | <u>2,500</u>    | <u>4,500</u>          | <u>\$ 6.0M</u>            |
| • Totals  | 586,574         | 4,500                 | \$ 214.53M                |

Summary of Projects > \$5 Million

|                    | Project Name   | Substantial Completion Date | BOT /Legislature Approved Budget | Current Project Budget | Project Square Footage | Cost per Square Foot | Budget Comparison to BOT/Legislature Budget Status | Schedule performance | Meets Program Needs | Unanticipated Deferred Maintenance Issues | LEED Certification | Comments   |
|--------------------|--|-----------------------------|----------------------------------|------------------------|------------------------|----------------------|--|----------------------|---------------------|---|--------------------|--|
| HISTORICAL         | Straub Hall Deferred Maintenance                                 | Mar 2015                    | \$ 20,790,300                    | \$ 21,519,000          | 43,361                 | \$ 496.28            | ●  | ●                    | ●                   | ●   | Gold               | 1715 Lease Costs not forecasted.   |
|                    | Straub Hall Addition   | Mar 2015                    | \$ 22,000,000                    | \$ 22,974,665          | 59,570                 | \$ 385.68            | ●  | ●                    | ●                   | ●   | Gold               | Added classroom scope (skylights, etc.)  |
|                    | Central Kitchen / Woodshop                                       | Mar 2016                    | \$ 8,500,000                     | \$ 8,890,240           | 21,592                 | \$ 411.74            | ●  | ●                    | ●                   | ●   | Targeting Gold     | Cost Control included removal of emergency generator. Schedule delay impacted by failed initial Design/Build RFP process. Final LEED certification still in process but close to completion.   |
|                    | Jane Sanders Stadium   | Mar 2016                    | \$ 16,590,000                    | \$ 17,200,000          | 27,336                 | \$ 629.21            | ●  | ●                    | ●                   | ●   | Gold               | Square Footage Calculation does not include Field Area. Impacts cost/sf.   |
|                    | EMU Renovation & Addition  | Jun 2016                    | \$ 95,000,000                    | \$ 98,762,185          | 209,943                | \$ 470.42            | ●  | ●                    | ●                   | ●   | Platinum           | Added significant work at the Ballroom and other rooms on the third floor.   |
|                    | Price Science Commons  | Jun 2016                    | \$ 16,750,000                    | \$ 19,733,490          | 44,300                 | \$ 445.45            | ●  | ●                    | ●                   | ●   | Gold               | Added work associated with the Visualization Lab and Furniture. Significant amounts of deferred maintenance to major HVAC, Electrical and Structural systems impacted this project.  |
|                    | Berwick Hall   | Jul 2017                    | \$ 8,725,000                     | \$ 8,787,000           | 9,419                  | \$ 932.90            | ●  | ●                    | ●                   | ●   | N/A                |  |
|                    | Kalapuya Ilihi Residence Hall                                    | Jul 2017                    | \$ 45,000,000                    | \$ 44,855,123          | 136,653                | \$ 328.24            | ●  | ●                    | ●                   | ●   | Gold               |  |
|                    | Chapman Hall   | Jan 2018                    | \$ 10,700,000                    | \$ 10,850,000          | 23,388                 | \$ 463.91            | ●  | ●                    | ●                   | ●   | Gold               |  |
|                    | Pacific Hall (Phase I)   | Feb 2018                    | \$ 16,900,000                    | \$ 22,120,000          | 31,365                 | \$ 705.24            | ●  | ●                    | ●                   | ●   | N/A - Partial Reno |  |
|                    | Oregon Hall Renovations  | Jan 2019                    | \$ 9,500,000                     | \$ 11,870,000          | 56,400                 | \$ 210.46            | ●  | ●                    | ●                   | ●   | N/A - Partial Reno | Added Computing Center Help Desk to original project. Enrollment Management reorganizational adjustments which added scope   |
| RECENTLY COMPLETED | Tykeson Hall   | Jun 2019                    | \$ 34,300,000                    | \$ 45,580,000          | 64,000                 | \$ 712.19            | ●  | ●                    | ●                   | ●   | Gold               | Additional scope was added on January 2017, which included basement and 4th floor build out. Since the scope addition, both schedule and budget were achieved as the project came to a close.  |
|                    | Bean Hall Renovation and Addition                                | Aug 2019                    | \$ 44,000,000                    | \$ 48,000,000          | 174,540                | \$ 275.01            | ●  | ●                    | ●                   | ●   | Gold               | Additional funds were for Administrative Addition added to the original renovation scope.  |
|                    | University Health and Counseling                                 | Aug 2020                    | \$ 18,800,000                    | \$ 20,100,000          | 39,700                 | \$ 506.30            | ●  | ●                    | ●                   | ●   | N/A                | Addition and renovation occupied.  |
|                    | Klamath Hall - 3rd Floor   | Sep 2020                    | \$ 18,700,000                    | \$ 22,900,000          | 25,000                 | \$ 916.00            | ●  | ●                    | ●                   | ●   | N/A - Partial Reno | Delayed start and significant unanticipated infrastructure / deferred maintenance issues. Budget adjusted with Presidential approval in December 2017. Since approval, project was completed on schedule and within the approved budget. |
|                    | Knight Campus Bldg & Bridge                                      | Oct 2020                    | \$ 225,000,000                   | \$ 214,500,000         | 173,630                | \$ 1,192.19          | ●  | ●                    | ●                   | ●   | Targeting Gold     | Total GSF includes 2,719 SF for Bridge. Cost/sf excludes \$7.5M for land purchase. Delays from the original schedule due to COVID.   |
|                    | Millrace Drive Parking Structure (part of Knight Campus project) | Nov 2020                    | Included in Knight campus above  | \$ 22,500,000          | 118,980                | \$ 189.11            | ●  | ●                    | ●                   | ●   | N/A                | This is part of the overall Knight Campus project. Delays from the original schedule due to COVID. Added 2 floors to the garage (\$7.6M) since the development of initial scope and budget.  |
|                    | Autzen Sound and Video Board                                     | Nov 2020                    | \$ 12,000,000                    | \$ 12,000,000          | N/A                    | N/A                  | ●  | ●                    | ●                   | ●   | N/A                | Project is in the construction punch list process  |
| ON-GOING           | Housing Transformation Project Ph1                               | Jun 2021                    | \$ 101,000,000                   | \$ 86,400,000          | 209,500                | \$ 412.41            | ●  | ●                    | ●                   | ●   | Targeting Gold     | Along with Ph1, funding for Phase 2 Design (\$14.6M) also approved by BOT  |
|                    | Oregon Acoustic Research Laboratory                              | Dec 2021                    | \$ 8,750,000                     | \$ 8,750,000           | TBD                    | TBD                  | ●  | ●                    | ●                   | ●   | N/A                | In Design  |
|                    | Zebra Fish Expansion   | Sep 2023                    | PENDING                          | \$ 8,800,000           | 10,470                 | \$ 840.50            | TBD  | ●                    | ●                   | ●   | N/A - Partial Reno | In Design. BOT Review 12/2020  |
|                    | Huestis Hall Deferred Maintenance Project                        | Jan 2024                    | \$ 63,600,000                    | \$ 63,600,000          | 60,000                 | \$ 1,060.00          | TBD  | ●                    | ●                   | ●   | Targeting Gold     | Legislatively approved. BOT Review/Approval has not yet occurred. Starting program and concept design. Budget includes an extensive surge component.   |
| NEW                | Romania Site Development   | Dec 2023                    | TBD                              |                        |                        |                      | TBD  | TBD                  | TBD                 | TBD                                       |                    | BOT Review/Approval has not yet occurred   |
|                    | Utility Infrastructure Phase 1                                   | TBD                         | TBD                              | \$ 13,000,000          | TBD                    | TBD                  | TBD  | TBD                  | TBD                 | TBD                                       |                    | In Design. BOT Review/Approval has not yet occurred  |
|                    | Housing Transformation Project Ph 2                              | May 2023                    | TBD                              | \$ 121,300,000         | 305,000                | \$ 397.70            | TBD  | TBD                  | TBD                 | TBD                                       |                    | In Design. BOT Review/Approval has not yet occurred  |
|                    | Housing Transformation Project Ph 3                              | Jul 2024                    | TBD                              | \$ 9,800,000           | N/A                    | N/A                  | TBD  | TBD                  | TBD                 | TBD                                       |                    | Open Space Improvements. BOT Review/Approval has not yet occurred  |

| Key to colors |     |     |     |  |  |  |   |                          |                       |  |  |  |
|---------------|-----|-----|-----|--|--|--|---|--------------------------|-----------------------|--|--|--|
| ●             | N/A | N/A | N/A |  |  |  | Budget within 3% of BOT / LEG or above 3% based upon program driven increases AND are under BOT approval levels | On Schedule              | Program Maintained    | All DM Issues Anticipated                                  |  |  |
| ●             | N/A | N/A | N/A |  |  |  | Additional funds above 3% (Not for Program Enhancements) but not to BOT approval level                          | 1-3 month delay          | Minor loss of Program | Less than 5% Scope Increase due to unanticipated DM issues |  |  |
| ●             | N/A | N/A | N/A |  |  |  | Additional funding requiring BOT Approval   | 3 month or greater delay | Major loss of Program | More than 5% Scope Increase due to unanticipated DM issues |  |  |

**Large Project Cost Tracking**

Years 2010 - 2020

| Project  | Final Budget  | Project Area (S/F) | Bid Year | 2010   | 2011   | 2012   | 2013   | 2014   | 2015   | 2016   | 2017     | 2018     | 2019     | Escalation to 2020 | NOTES  |
|--|---------------|--------------------|----------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|--------------------|--|
| <b>ANNUAL REGIONAL INFLATION RATES</b> (Rates provided by Rider Levett Bucknall)     |               |                    |          | 0.32%  | 2.05%  | 0.87%  | 1.74%  | 6.02%  | 4.61%  | 4.58%  | 6.05%    | 6.50%    | 5.67%    | 1.75%              |  |
| <b>ACADEMICS</b> <span style="float:right">\$/SF Project Cost</span>                 |               |                    |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>FENTON HALL*</b><br>Deferred Maintenance  | \$7,405,190   | 27,978             | 2010     | \$ 265 | \$ 270 | \$ 272 | \$ 277 | \$ 294 | \$ 307 | \$ 322 | \$ 341   | \$ 363   | \$ 384   | \$ 390             | Significant seismic upgrades   |
| <b>STRAUB HALL *</b><br>Deferred Maintenance   | \$21,519,000  | 43,361             | 2013     |        |        |        | \$ 496 | \$ 526 | \$ 550 | \$ 576 | \$ 610   | \$ 650   | \$ 687   | \$ 699             | Includes seismic upgrades  |
| <b>STRAUB &amp; EARL</b><br>Classroom Expansion                                      | \$22,974,665  | 59,570             | 2014     |        |        |        |        | \$ 386 | \$ 403 | \$ 422 | \$ 447   | \$ 477   | \$ 504   | \$ 512             | Very constrained site conditions   |
| <b>PRICE SCIENCE COMMONS</b><br>Addition and Renovation                              | \$19,733,490  | 44,300             | 2015     |        |        |        |        |        | \$ 445 | \$ 466 | \$ 494   | \$ 526   | \$ 556   | \$ 566             | Underground and difficult access; deferred maintenance upgrades, unique plaza/roof |
| <b>OBF (OREGON BACH FESTIVAL) BERWICK HALL</b><br>New Performing Arts Building       | \$8,787,000   | 9,419              | 2015     |        |        |        |        |        | \$ 933 | \$ 976 | \$ 1,035 | \$ 1,102 | \$ 1,164 | \$ 1,185           | Specialized rehearsal sound space  |
| <b>OREGON HALL RENOVATIONS</b><br>Renovation   | \$11,870,000  | 56,400             | 2017     |        |        |        |        |        |        |        | \$ 210   | \$ 224   | \$ 237   | \$ 241             | Significant surging of staff   |
| <b>CHAPMAN HALL</b><br>Renovation  | \$10,850,000  | 23,388             | 2017     |        |        |        |        |        |        |        | \$ 464   | \$ 494   | \$ 522   | \$ 531             |  |
| <b>TYKESON HALL</b><br>New Building  | \$42,548,000  | 64,000             | 2017     |        |        |        |        |        |        |        | \$ 665   | \$ 708   | \$ 748   | \$ 761             | Added basement mid-way through design  |
| <b>RESEARCH and SCIENCES</b>   |               |                    |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>PACIFIC HALL B-2 FLOOR LABS*</b><br>Renovation/Deferred Maintenance. - South Wing | \$22,120,000  | 31,365             | 2016     |        |        |        |        |        |        | \$ 705 | \$ 748   | \$ 797   | \$ 842   | \$ 856             | Significant deferred maintenance to MEP systems                                    |
| <b>KNIGHT CAMPUS</b><br>Building and Bridge  | \$214,500,000 | 173,630            | 2018     |        |        |        |        |        |        |        |          | \$ 1,192 | \$ 1,260 | \$ 1,282           | Cost/sf excludes \$7.5M for property acquisition.                                  |
| <b>MILLRACE DRIVE - PARKING GARAGE</b><br>(part of Knight Campus project)            | \$22,500,000  | 118,980            | 2019     |        |        |        |        |        |        |        |          | \$ 189   | \$ 200   | \$ 203             |  |
| <b>KLAMATH 3RD FLOOR RENOVATION</b><br>Renovation                                    | \$22,900,000  | 25,000             | 2019     |        |        |        |        |        |        |        |          | \$ 916   | \$ 968   | \$ 985             |  |
| <b>STUDENT SUPPORT</b>   |               |                    |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>SRC EXPANSION</b><br>Addition - Student Rec                                       | \$52,888,017  | 139,434            | 2012     |        |        | \$ 379 | \$ 386 | \$ 409 | \$ 428 | \$ 448 | \$ 475   | \$ 506   | \$ 534   | \$ 544             |  |
| <b>ERB MEMORIAL UNION</b><br>Addition and Partial Renovation                         | \$98,762,185  | 209,943            | 2014     |        |        |        |        | \$ 470 | \$ 492 | \$ 515 | \$ 546   | \$ 581   | \$ 614   | \$ 625             |  |
| <b>UNIVERSITY HEALTH and COUNSELING</b><br>Addition and Renovation                   | \$20,100,000  | 39,700             | 2018     |        |        |        |        |        |        |        |          | \$ 506   | \$ 535   | \$ 544             |  |
| <b>HOUSING</b>   |               |                    |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>GLOBAL SCHOLARS HALL</b><br>New Residence Hall                                    | \$62,008,389  | 204,863            | 2010     | \$ 303 | \$ 309 | \$ 312 | \$ 317 | \$ 336 | \$ 352 | \$ 368 | \$ 390   | \$ 415   | \$ 439   | \$ 446             |  |
| <b>CENTRAL KITCHEN/WOODSHOP</b><br>New Building                                      | \$8,890,240   | 21,592             | 2015     |        |        |        |        |        | \$ 412 | \$ 431 | \$ 457   | \$ 486   | \$ 514   | \$ 523             |  |
| <b>KALAPUYA ILIHI HALL</b><br>New Residence Hall                                     | \$44,855,123  | 136,653            | 2016     |        |        |        |        |        |        | \$ 328 | \$ 348   | \$ 371   | \$ 392   | \$ 399             | Complicated building form due to solar access to the Many Nations Longhouse        |
| <b>BEAN HALL EAST/WEST RENOVATION</b><br>Addition and Renovation                     | \$48,000,000  | 174,540            | 2018     |        |        |        |        |        |        |        | \$ 275   | \$ 293   | \$ 309   | \$ 315             |  |
| <b>HOUSING TRANSFORMATION PROJECT</b><br>Replacement Buildings (Hamilton and Walton) | \$219,500,000 | 515,000            | 2019     |        |        |        |        |        |        |        |          |          | \$ 426   | \$ 434             | Started Ph1 construction and design of Ph2 (\$101M BOT Approved)                   |
| <b>ATHLETICS</b>   |               |                    |          |        |        |        |        |        |        |        |          |          |          |                    |  |
| <b>JANE SANDERS STADIUM</b><br>New Stadium   | \$17,200,000  | 27,336             | 2015     |        |        |        |        |        | \$ 629 | \$ 658 | \$ 698   | \$ 743   | \$ 785   | \$ 799             | Square foot numbers represent the building, not the field                          |

\* Deferred Maintenance



University Health & Counseling Center

# Ten-Year Capital Plan

## December 2020

Prepared by:  
*Campus Planning and Facilities Management*





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### Capital Plan Master Schedule

#### Academic Projects

##### Current Projects

- Oregon Acoustic Research Laboratory
- Zebra Fish Expansion (pending BOT approval)
- Huestis Hall – Deferred Maintenance (pending BOT approval)

##### Projects in Planning

- Knight Campus – Phase 2 (Academic)
- Knight Campus – Phase 3 (Lab)
- Campus Heritage Project: University Hall and Villard Hall Deferred Maintenance
- Pacific Hall Phase 2 – Classroom 123 & Lobby

##### Potential Projects

- Classroom and Faculty Office Building
- Hendricks Hall – Deferred Maintenance
- Klamath Hall – Deferred Maintenance
- Condon Hall – Deferred Maintenance
- Knight Library Commons and Off-site Storage

#### Student Services and Enrollment Management

##### Current Projects

- Housing Transformation Project Phase 1

##### Projects in Planning

- Housing Transformation Project Phase 2
- Housing Transformation Project Phase 3

##### Potential Projects

- East Campus Apartments

#### Other Projects

##### Projects in Planning

- Romania Site Development
- Utility Infrastructure Phase 1

##### Potential Projects

- Utility Infrastructure Phase 2

# University of Oregon Capital Plan Master Schedule

| ID | Task Mode | Task Name  | 2017 |    | 2018 |    | 2019 |    | 2020 |    | 2021 |    | 2022 |    | 2023 |    | 2024 |    | 2025 |    | 2026 |    | 2027 |    | 2028 |    | 2029 |    | 2030 |    | 2031 |    | 2032 |
|----|-----------|--|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|----|------|
|    |           |  | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 | H1   | H2 |      |
| 1  |           | <b>Current Projects</b>  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 2  |           | Oregon Acoustic Research Laboratory  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 3  |           | Housing Transformation Project Ph1   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 4  |           | Zebra Fish Expansion (ZIRC) - Pending BOT Approval                         |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 5  |           | Huestis Hall - Deferred Maintenance - Pending BOT Approval                 |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 6  |           | <b>Projects in Planning</b>  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 7  |           | Romania Site Development   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 8  |           | Utility Infrastructure Phase 1   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 9  |           | Housing Transformation Project Ph2   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 10 |           | Housing Transformation Project Ph3   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 11 |           | Knight Campus - Phase 2 (Academic)   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 12 |           | Knight Campus - Phase 3 (Lab)  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 13 |           | Campus Heritage Project: University & Villard Halls - Deferred Maintenance |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 14 |           | Pacific Hall Phase 2 -Classroom 123 & Lobby                                |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 15 |           | <b>Potential Future Projects</b>   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 16 |           | Utility Infrastructure Phase 2   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 17 |           | East Campus Apartments   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 18 |           | Hendricks Hall - Deferred Maintenance                                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 19 |           | Classroom and Faculty Office Building                                      |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 20 |           | Klamath Hall - Deferred Maintenance  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 21 |           | Condon Hall - Deferred Maintenance   |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |
| 22 |           | Knight Library Commons & Off-site Storage                                  |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |    |      |

|   |           |  |                    |  |                       |  |                    |  |                 |  |
|---|-----------|--|--------------------|--|-----------------------|--|--------------------|--|-----------------|--|
| Project: 2020 Capital Plan<br>Date: December 2020 | Task      |  | Project Summary    |  | Manual Task           |  | Start-only         |  | Deadline        |  |
|   | Split     |  | Inactive Task      |  | Duration-only         |  | Finish-only        |  | Progress        |  |
|   | Milestone |  | Inactive Milestone |  | Manual Summary Rollup |  | External Tasks     |  | Manual Progress |  |
|   | Summary   |  | Inactive Summary   |  | Manual Summary        |  | External Milestone |  |                 |  |



# Academic Projects



# Oregon Acoustics Research Laboratory

## PROJECT DESCRIPTION

The Oregon Acoustics Research Laboratory will be used to do acoustic testing of floor-ceiling construction assemblies, develop innovative mass timber assemblies, develop acoustical isolation technologies, and conduct human factors comfort and physiology research.

### Objectives

- The proposed facility will attract industry engagement and co-development of intellectual property because of its high acoustical performance and high throughput testing capabilities.
- UO will be the only institution of higher education in North America with such a facility and it will support advancement of mass timber technologies, building acoustic material designs, and acoustics education and research programs.

## CURRENT PROJECT

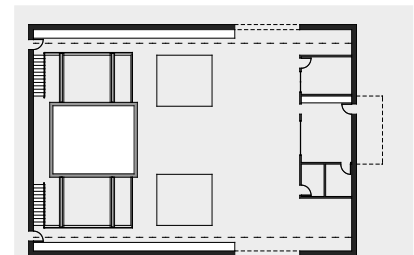
### Design and Construction Scope

Build-to-suit a 7,000-10,000 square foot acoustic facility off campus to conduct research of mass timber and other construction assemblies, development of acoustical isolation technologies, building acoustics education, and industry contracted testing of floor-ceiling assemblies. The facility will split time between research, education, and industry contracted acoustical testing.

### Current Project Status

The project Design for the Acoustic Chamber has been completed through the design development phase. The process of selecting a partner to complete the design, and then construct & operate the facility is underway. A site in Springfield has been selected that is suitable for this specialized facility.

## PROJECT STATS



**Project Type:** New Building

**Space Type:** Design and research

**Square Footage:** 7,000-10,000

**Current Projected Budget:** \$8.75 M

**Funding Source(s):** Awarded grant from Business Oregon (\$702K), TallWood Design Institute State Allocation (\$150K), other Grants, Gifts, and the UO Internal Bank.

**Project Completion:** Winter 2021



# Zebrafish International Resource Center (ZIRC)

## Research Restoration and Expansion

### PROJECT DESCRIPTION

Biomedical research using zebrafish began at the University of Oregon in the 1970's. Today, more than 1000 laboratories in 41 countries use zebrafish to model human biology and disease, as well as to study basic principles of biology. UO is known worldwide as the birthplace of zebrafish research.

In addition to 8 zebrafish research laboratories, UO is home to the Zebrafish International Resource Center (ZIRC) and the Zebrafish Information Network (ZFIN), two unique resources that serve vital functions for the international research community.

The National Institute of Health (NIH) has awarded an up to \$8M CO6 construction grant to support the modernization of existing or new infrastructure for biomedical research facilities. This opportunity would allow for the modernization of the existing 10,000 square foot ZIRC building that was constructed in 1999. Grant funding would also allow for the replacement of the 20-year-old aquaculture equipment systems

#### Objectives

- Replace existing aquaculture filtration equipment that supports the main fish room.

### CURRENT PROJECT (PENDING BOT APPROVAL)

- Expand the existing ZIRC building to create more efficient support spaces and increase their operational capacity. Building expansion will be up to approximately 5,000 sf.
- Incorporate a second quarantine room that will double current capacity.
- Improve equipment cleaning throughput and efficiency with new equipment and improvements to the circulation of dirty and clean equipment.
- Add space for cryogenic freezers to increase long-term resource storage.
- Upgrade building mechanical, plumbing, and electrical systems to support new equipment and spaces, as required.

#### Current Project Status

Construction Documents are being prepared for a final NIH review in early 2021. NIH approved drawing set will be used for single phase permitting through the City of Eugene. Bidding is projected to occur in spring of 2021. Construction is forecasted for 10 months for a spring 2022 complete.

### PROJECT STATS



**Project Type:** Equipment and Building Renovation and Expansion

**Space Type:** Research

**Project Square Footage: 9,742**

Addition 4,875 sf, Renovation 4,867 sf

**Anticipated Budget:** \$8.8M

**Funding Source(s):**

\$8M - CO6 Grant (Grant allowable)

\$.55M - VPRI (Non-grant allowable)

\$.25 - Supplemental Grant

**Expected Completion :** Spring 2022





# Huestis Hall Deferred Maintenance

## PROJECT DESCRIPTION

CURRENT PROJECT (LEGISLATIVELY APPROVED, PENDING BOT APPROVAL)

## PROJECT STATS

Huestis Hall was constructed in the early 1970s. The raw concrete façade and repetitive windows are features typical of the Brutalist architecture style popular during the time. The four-story building is part of the science complex and is connected to Streisinger Hall. The Lokey Laboratories expansion is beneath Huestis Hall.

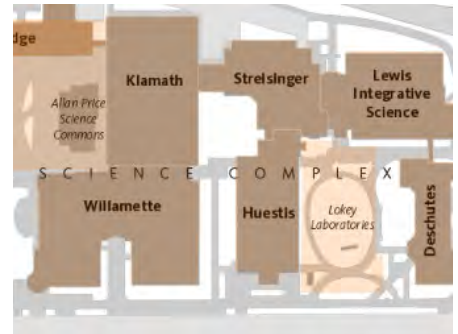
### Objectives

- Replace the original building mechanical, electrical, and plumbing systems and equipment
- Create modular lab spaces by revising layouts and equipping them with casework systems designed to adapt to a changing environment
- Modernize the circulation corridors and shared public areas.
- Reduce the energy and maintenance costs
- Update the fire alarm, notification, and sprinkler system

- Renew the network infrastructure and pathways
- Increase the program square footage in the basement by relocating mechanical equipment from the basement to the roof (750 SF gain)
- Address the building envelope leaks that have plagued the facility
- Retrofit the seismic lateral-force-resisting system to achieve current life safety performance levels

### Project Status

In Programming/Concept design



**Project Type:** Building Renovation

**Space Type:** Laboratory and Classroom Teaching Labs

**Project Square Footage:** 53,850

**Anticipated Budget:** \$63.6M

### Funding Source(s):

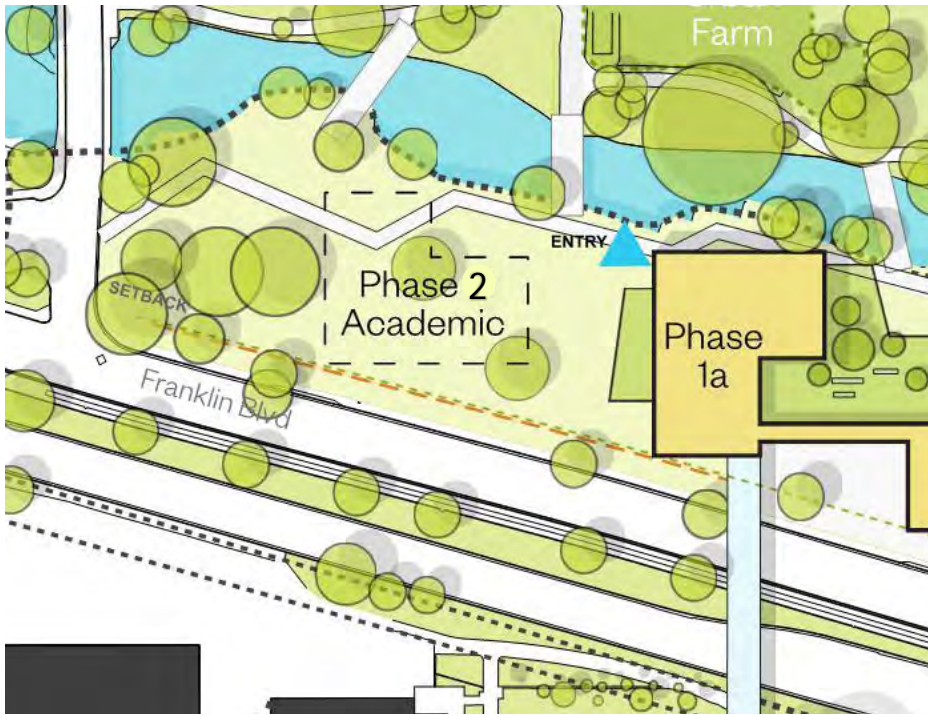
Q Bonds: \$50.8M

G Bonds: \$6.36M

UO Match: \$6.36M

**Project Completion:** January 2024





# Knight Campus Phase 2 - Academic Building

PROJECT DESCRIPTION

Knight Campus Phase 2 provides for an expansion of academic endeavors associated with the mission of the Knight Campus initiative. Located on the northern edge of the campus seven-minute walking circle, this site provides the best opportunity to integrate undergraduate and graduate education into the programs being developed within the Knight Campus.

**Objectives**

- Enhance the mission of the Knight Campus through the development of undergraduate and graduate academic programs.

PLANNED PROJECT

**Design and Construction Scope**

- Complete the development of the Franklin Blvd site, with a third phase planned on Riverfront Research Parkway.
- Improve access across Franklin Blvd at Onyx Street.

**Project Status**

Project is in pre-planning

PROJECT STATS

**Project Type:** New Construction

**Space Type:**

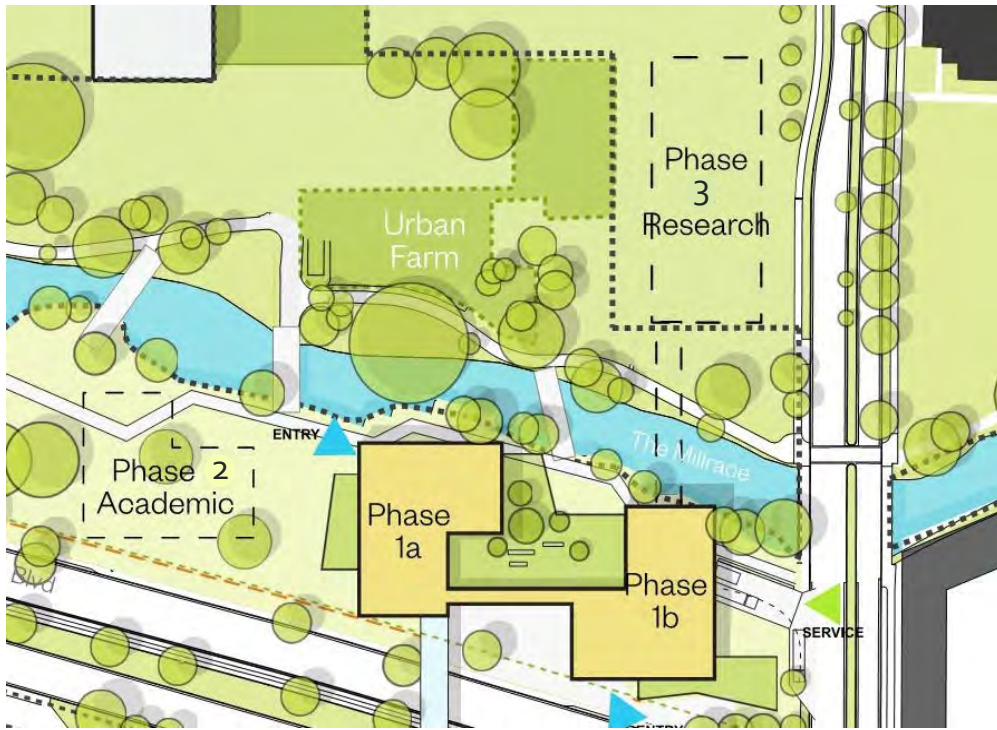
Academic classroom space, scientific and engineering teaching labs.

**Net Square Footage:** Approx. 50,000-55,000

**Anticipated Budget:** TBD

**Funding Source(s):** Gift Funds

**Expected Project Duration:** 3-4 years



# Knight Campus Phase 3 - Laboratory Building

## PROJECT DESCRIPTION

The Knight Campus for Accelerating Scientific Impact has planned for a Phase 3 facility that will provide an opportunity to expand the breadth of research potential through the development of additional laboratories and associated support spaces.

### Objectives

- Expand the range of research activities available within Knight Campus.
- Build a bridged connection to the first Knight Campus research building to continue the interconnectivity of the research community.

## PLANNED PROJECT

### Design and Construction Scope

Development of this facility will further define an open space framework and enhance the campus presence north of Franklin Boulevard.

### Project Status

The project is in pre-planning

## PROJECT STATS

**Project Type:** New Construction

**Space Type:** Research

**Net Square Footage:** 120,000 -150,000

**Anticipated Budget:** TBD

**Funding Source(s):** Gift Funds

**Expected Project Duration:** 3-4 Years



# Campus Heritage Project: University and Villard- Deferred Maintenance

## PROJECT DESCRIPTION

University and Villard Halls are the two founding buildings of the University of Oregon. In 1876 University Hall was the first building constructed. Villard Hall followed in 1885. Both are listed on the National Register for Historic Places. Both buildings are designated National Historic Landmarks.

University Hall encompasses multiple math classrooms supporting approximately 17,000 students annually. The building also contains faculty and staff offices. Villard Hall is currently the home of the Theater Arts Department and the Comparative Literature Program supporting approximately 5,000 students in a typical academic year.

### Objectives

- Replace all building systems (mechanical, electrical, plumbing, fire protection, computer network, access controls, and security). These new systems will meet energy performance requirements of the Oregon Model for Sustainable Development and LEED Gold certification.
- Improve building exterior envelope conditions, including historic preservation treatments as well as energy efficiency improvements.
- Provide corrective life/safety and accessibility measures to the building.
- Upgrade the building structural systems to comply with current building code to

## PLANNED PROJECT

ensure a structurally sound building in a seismic event.

- Provide corrective improvements to building utility systems (storm water, sanitary sewer, domestic water, fire protection water, and natural gas), and capitalize on the connection to the Central Power Station.
- Revitalize building spaces to meet current campus standards and improve the student experience. Improvements to the building interior environment will include finishes, lighting, and quality of space to meet campus standards.
- Improve the south entrance to Villard Hall as it has become the primary entrance to the building. This in turn will improve accessibility both entering and navigating the building.
- Improve the south parking lot to provide a link between University and Villard Halls and to enrich the pedestrian experience.

### Project Status

Building assessments have been completed

## PROJECT STATS

**Project Type:** Renovation, Restoration and Deferred Maintenance

**Space Type:** Classrooms, Offices, Theater and Theater Support Functions

### Square Footage:

University Hall: 26,616

Villard Hall: 32,000

Robinson Theater: 19,153

**Anticipated Budget:** \$64.35M

### Funding Source(s):

Q Bonds: \$52.65M

G Bonds: \$5.85M

UO Match: \$5.85M

**Project Duration:** 3-4 years





# Pacific Hall Classroom 123 and Lobby Addition & Renovation

## PROJECT DESCRIPTION

Pacific Hall is one of our core science and research buildings. It is located at the far edge of the science complex, immediately to the west of Onyx Bridge. Built in 1950, it recently underwent a major renovation to the south wing. In addition to housing major research laboratory facilities, this building also contains a 200-seat classroom which supports the academic mission of the science programs. This classroom is in need of significant renovation. Additionally, the lobby entrance to the building, which is adjacent to this classroom lacks ADA-compliant access for the building, appropriate staging for the classroom, and does not support the function of the building.

### Objectives

- Upgrade classroom 123 to meet current academic standards for classroom use, including ADA compliance, improved audiovisual technology, new seating, energy efficient lighting and improved acoustics.
- Renovate and expand the west lobby in order to provide an ADA compliant entrance and improve functions of the space to support the building needs.

## PLANNED PROJECT

### Design and Construction Scope

The proposed project consists of renovating a 200-seat classroom and expanding/improving the lobby on the West side of the building.

### Project Status

The project is in pre-planning

## PROJECT STATS

**Project Type:** Addition and Renovation

**Space Type:** Classroom and Public

### Square Footage:

Addition: 1500

Renovation: 3800

**Anticipated Budget:** \$6M

### Funding Source(s):

Revenue bonds

Gift Funds

**Project Duration:** 3-4 Years



# Classroom and Faculty Office Building New Building

## PROJECT DESCRIPTION

## POTENTIAL PROJECT

## PROJECT STATS

This project will provide necessary classroom seats (approximately 750 new seats) and faculty offices to address capacity challenges as the university increases student enrollment in the coming years.

### Objectives

- Add classroom seats to facilitate more robust scheduling options for students.
- Incorporate faculty offices to better house existing faculty throughout campus and accommodate new faculty growth as enrollment grows.

This project is to design and construct a 60,000 SF classroom building that supports the teaching initiatives of the university.

### Project Status

At end of schematic design phase and on hold.

**Space Type:** Classroom and Office

**Square Footage:** Approx. 60,000

**Anticipated Budget:** \$56.7M

### Funding Source(s):

Revenue Bonds  
Gifts

**Project Duration:** 3-5 years

Design and Construction Scope

**Project Type:** New Building





# Hendricks Hall Deferred Maintenance

## PROJECT DESCRIPTION

Hendricks Hall was built in 1918 and serves the College of Arts and Sciences, Career Services, and the College of Design. Hendricks is an unreinforced masonry building which frames the Women's Memorial Quad.

### Objectives

- Replace building systems that are at the end of their useful life.
- Bring building up to current seismic standards.
- Bring building into ADA compliance.
- Reduce energy and maintenance costs.
- Improve functional efficiency for occupying departments.

## POTENTIAL PROJECT

### Design and Construction Scope

This project will replace the building infrastructure including HVAC, plumbing, and electrical systems. This project will also provide improvements to the building envelope to increase building performance, increase energy efficiency, and improve thermal comfort.

### Project Status

Project is in pre-planning

## PROJECT STATS

**Project Type:** Building Renovation and Systems Replacement

**Space Type:**  
Existing: Offices

**Square Footage:** 28,568

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Expected Project Duration:** 3-4 years



# Klamath Hall Deferred Maintenance

PROJECT DESCRIPTION POTENTIAL PROJECT

PROJECT STATS

Klamath Hall was built in 1967 and is a poured concrete building in the Brutalist architecture style. This building is core to the science complex and is also attached to Onyx Bridge, Willamette Hall, Streisinger Hall, the Lewis Integrative Science Building, and the Price Science Commons and Research Library at the basement level.

**Objectives**

- Replace building systems that are at the end of their useful life and put research at risk due to leaks and loss of power.
- Create safe laboratories that meet current safety standards and building codes.
- Remove office functions and maximize square footage of research laboratories to help support faculty recruitment and retention.
- Replace building systems to provide capacity in the facility for research to grow. Current systems have no additional capacity.
- Reduce energy and maintenance costs.

**Design and Construction Scope**

This project will replace the 1960’s building infrastructure including HVAC, plumbing, and electrical systems. This project will also provide a new exterior building envelope to increase building performance, increase energy efficiency, and improve thermal comfort. As the current configuration relies on a neighboring building for vertical transportation, a new elevator supporting Klamath will be included. This project will complement the 3<sup>rd</sup> Floor renovation project that is currently underway.

**Project Status**

Building assessment completed



Existing Lab Conditions

**Project Type:** Building Renovation and Systems Replacement

**Space Type:**

Existing: Laboratory, Instruction and Office  
New: Laboratory and Instruction

**Square Footage:** 80,000

**Anticipated Budget:**

Phase 1: \$50M  
Future Phases: \$47.4M

**Funding Source(s):** Q-Bonds

**Expected Project Duration:** 4-5 years



# Condon Hall Deferred Maintenance

PROJECT DESCRIPTION POTENTIAL PROJECT

PROJECT STATS

The original portion of Condon Hall was built in 1925 and is an unreinforced masonry building. In 1966 a major addition was added to the south. This building is a concrete structure with a brick clad exterior. It currently houses the Geography and Anthropology departments. It also contains eight classrooms.

**Objectives**

- Replace building systems that are at the end of their useful life.
- Bring building up to current seismic standards.
- Bring building into ADA compliance.
- Reduce energy and maintenance costs.
- Improve functional efficiency for occupying departments.

**Design and Construction Scope**

This project will replace the aged building infrastructure including HVAC, plumbing, and electrical systems. This project will also upgrade exterior building envelope to increase building performance, increase energy efficiency, improve thermal comfort.

**Project Status**

Long-term exploration



1966 Addition

**Project Type:** Building Renovation and Systems Replacement

**Space Type:**

Research Laboratories, Faculty Offices, Classrooms and Administrative Offices

**Square Footage:** 42,325

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Expected Project Duration:** 3-4 years



# Knight Library Commons & Off-Site Storage

**PROJECT DESCRIPTION** **POTENTIAL PROJECT**

**PROJECT STATS**

Knight Library, originally constructed in 1937 has had a number of major renovations and additions, the last occurring in 1994. Through the decades of change, the function of the building has continually transformed. With the influx of technological resources available to students, faculty and staff the building is in need of another transformation to build more collaborative learning environments that support current and future educational trends. This renovation also involves a need to develop off-site storage for the volumes of books and reference materials that are still used today, just not at the frequency that they have historically. An off-site storage facility that maintains access to this material will free up much needed space within the current building, located in the core of campus, for the development of commons learning spaces that will support the future trends of higher education learning environments.

**Objectives**

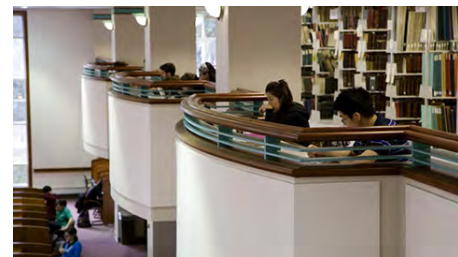
- Free up and renovate precious space within the core of campus to support future learning spaces.
- Relocate book stacks to an off-site storage facility in order to maintain availability.

**Design and Construction Scope**

This project may construct a new off-site storage facility with appropriate environmental controls for the storage of the materials being relocated (leasing space is also an option). Renovations to the existing library will be made to develop commons learning spaces that provide environments that are appropriate for current collaborative and interactive learning techniques.

**Project Status**

Project in pre-planning



Study space in 1994 Addition

**Project Type:** New Storage Structure and Existing Building Renovation

**Space Type:**  
Library and Materials Storage

**Square Footage:** TBD

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Expected Project Duration:** 4-5 years





# Student Services and Enrollment Management Projects





# Hamilton and Walton Residence Halls Transformation Project Ph1

## PROJECT DESCRIPTION

Dynamic and attractive communities are needed now to help drive and support student recruitment and retention in a very competitive environment. Walton Hall and Hamilton Hall are in need of mechanical, electrical, plumbing, roofing, and other major systems replacement, as well as significant contemporary improvements.

### Objectives

- Drive and support enrollment growth.
- Grow from 1,400 to 1,800 beds, including 400 upper-division student focused beds.
- Enhance Academic Residential Community offerings.
- Provide a variety of room types.
- Explore adding retail space to the ground floor.
- Add Prospective Student Recruitment and Visitors Center.
- New and enhanced dining options.

## CURRENT PROJECT

### Design and Construction Scope

Design and construct new facilities in three phases between 2019 and 2024.

- Phase I: Building A
- Phase II: Buildings B & C
- Phase III: Hamilton demolition and open space restoration.

### Phase I Construction Scope

Complete the design and construct a 700-bed residential facility, including Academic Residential Communities and associated learning spaces, a Faculty in Residence Apartment, new dining venues, and a prospective students recruitment and visitors center. Building A will have 7 floors, including a mezzanine, for a total of 209,500 GSF.

### Project Status

Phase I is 50% through construction. Completion early summer 2020.

## PROJECT STATS



**Project Type:** Building(s) Replacement

**Space Type:** Housing, Dining, Academic Residential Community Space, Prospective Student Recruitment and Visitors Center.

**Square Footage:** Phase I 209,500 GSF

**Anticipated Total Project Budget:** \$86.4M

**Funding Source(s):** Revenue Bonds/Internal Bank; University Housing Carry Forward; Funding Raising/Sponsorships

**Target Completion Date:** Phase I: Spring 2021; Phase II: Spring 2023, and Phase III: Fall 2024



# Hamilton and Walton Residence Halls Transformation Project: Ph 2

## PROJECT DESCRIPTION

Dynamic and attractive communities are needed now to help drive and support student recruitment and retention in a very competitive environment. Walton Hall and Hamilton Hall are in need of mechanical, electrical, plumbing, roofing, and other major systems replacement, as well as significant contemporary improvements.

### Objectives

- Drive and support enrollment growth.
- Grow from 1,400 to 1,800 beds, including 400 upper-division student focused beds.
- Enhance Academic Residential Community offerings.
- Provide a variety of room types.
- Explore adding retail space to the ground floor.
- Add Prospective Student Recruitment and Visitors Center.
- New and enhanced dining options.

## PLANNED PROJECT

### Design and Construction Scope

Design and construct new facilities in three phases between 2019 and 2024.

- Phase I: Building A
- Phase II: Buildings B & C
- Phase III: Hamilton demolition and open space restoration.

### Phase II Scope

Complete the design and construct two residential facilities: building B, 700-beds, building C, 400-beds. Facilities will include Academic Residential Communities and associated learning spaces, a Faculty in Residence Apartment.

### Project Status

Phase II is currently at 50% Construction Document design.

## PROJECT STATS



**Project Type:** Building(s) Replacement

**Space Type:** Housing, Dining, Academic Residential Community Space, Prospective Student Recruitment and Visitors Center.

**Square Footage:** Phase II 305,000 GSF.

**Anticipated Total Ph2 Budget:** 121.3M

**Funding Source(s):** Revenue Bonds/Internal Bank; University Housing Carry Forward

**Target Completion Date:** Phase II: Summer 2023





# Hamilton and Walton Residence Halls Transformation Project Ph3

## PROJECT DESCRIPTION

Dynamic and attractive communities are needed now to help drive and support student recruitment and retention in a very competitive environment. Walton Hall and Hamilton Hall are in need of mechanical, electrical, plumbing, roofing, and other major systems replacement, as well as significant contemporary improvements.

### Objectives

- Drive and support enrollment growth.
- Grow from 1,400 to 1,800 beds, including 400 upper-division student focused beds.
- Enhance Academic Residential Community offerings.
- Provide a variety of room types.
- Explore adding retail space to the ground floor.
- Add Prospective Student Recruitment and Visitors Center.
- New and enhanced dining options.

## PLANNED PROJECT

### Design and Construction Scope

Design and construct new facilities in three phases between 2019 and 2024.

- Phase I: Building A
- Phase II: Buildings B & C
- Phase III: Hamilton demolition and open space restoration.

### Phase III Construction Scope

Complete the design and construct an open space replacement for the displaced Humpy Lumpy open space. Demolition of the existing Hamilton Hall will begin in the summer of 2023, with site restoration and buildout of the new open space to follow.

### Project Status

Phase III is currently at the end of Schematic Design, and the design will be taken through Construction Documents beginning in March of 2020. Phase III will begin in the summer of 2023 with the demolition of Hamilton Hall, and will finish in the fall of 2024.

## PROJECT STATS



**Project Type:** Building(s) Replacement

**Space Type:** Housing, Dining, Academic Residential Community Space, Prospective Student Recruitment and Visitors Center.

**Square Footage:** Phase III 154,595 GSF

**Anticipated Total Ph3 Budget:** \$9.9M

**Funding Source(s):** Revenue Bonds/Internal Bank; University Housing Carry Forward; Funding Raising/Sponsorships

**Target Completion Date:** Phase III: Fall 2024



# East Campus Apartments New Buildings

## PROJECT DESCRIPTION

The University of Oregon's on-campus housing space options are limited to traditional residence halls, graduate student apartments and primarily family apartments and houses. Dynamic and attractive housing facilities and communities for upper-division students are needed to help drive retention.

### Objectives

- Explore the development of apartments and townhouses of a 500-bed capacity in this area for graduate students.

## POTENTIAL PROJECT

### Design and Construction Scope

Design and construct up to a 500-bed residential complex.

### Project Status

Pre-planning

## PROJECT STATS

**Project Type:** New Building; P3 delivery

**Space Type:** Housing

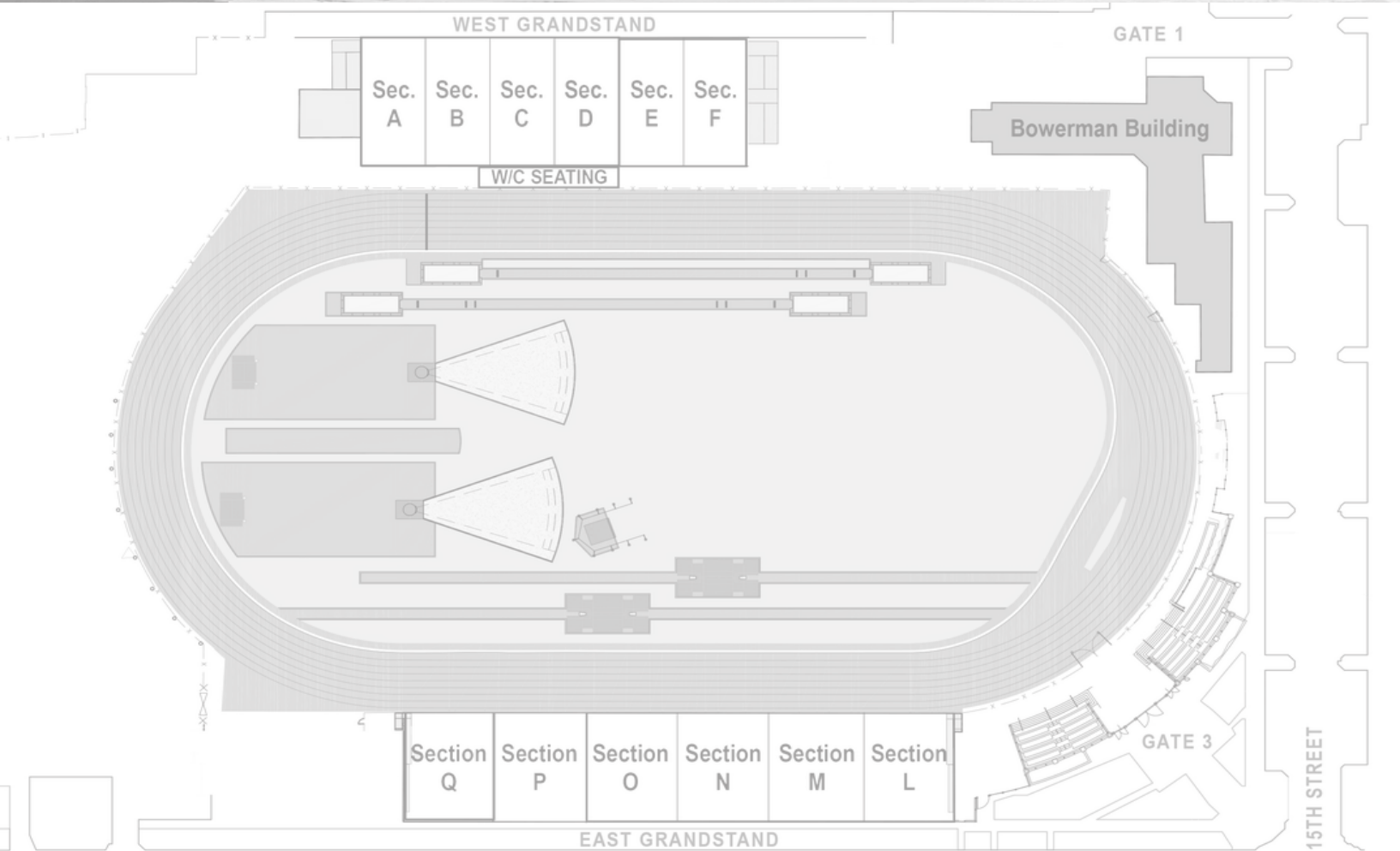
**Square Footage:** TBD

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Expected Project Duration:** 3-4 Years





# Other Projects





# Romania Site Development

PROJECT DESCRIPTION PLANNED PROJECT

The Romania site is located on the eastern edge of the university campus on the south side of Oregon Highway 126/Franklin Boulevard. The tract is approximately 4 acres which includes a 46,000 SF building. The use prior to university acquisition was as a car dealership and warehouse. The 1960 showroom, with its unique and concave roofline, is listed in the National Register of Historic Places.

**Objectives**

- Enter into a public-private partnership with a developer to design, finance, build, and operate a modern, university-centric entity/facility.
- Upgrade the use of the real estate to provide revenue to the University from a long-term ground lease.

**Design and Construction Scope**

A University-selected developer will design, finance, build, and operate a modern, revenue-producing enterprise on the site. The University will retain an appropriate level of control of each phase to protect and preserve campus culture and university needs. The university will also retain long-term ownership rights to the property.

**Project Status**

The Request for Qualifications (RFQ) process to select the developer were completed in November 2018. Project^ was the selected developer. Negotiations of the terms of the public-private partnership have been concluded A Nonbinding Ground Lease Term Sheet was executed in June 2020.

PROJECT STATS



**Project Type:** Public-Private Partnership

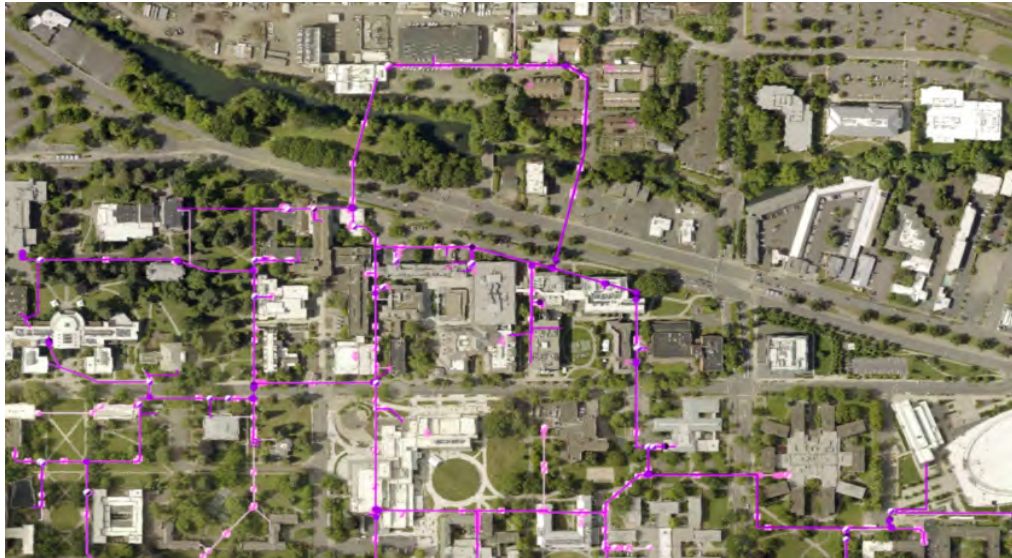
**Space Type:** Mixed-use development with office, retail, hotel and residential uses. Adequate parking to support all uses is included.

**Square Footage:** 180,338 (4.14 acre)

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Expected Project Duration:** 3+/- Years



# Utility Infrastructure Upgrades Phase 1

## PROJECT DESCRIPTION

The University utility system includes an electrical distribution system comprised of 16 miles of high voltage electrical cables, switches, and other equipment that deliver electrical power to campus buildings through a series of underground vaults and 4.5 miles of tunnels. Significant upgrades are required to improve safety, increase reliability of electrical power to campus, reduce disruptions during maintenance and testing, and continue meeting the 24/7 requirements of the institution's critical science and research efforts.

The University utility system also includes a campus chilled water plant and 12 miles of chilled water supply and return piping. System cooling capacity must be increased to meet demand generated from campus growth and to maintain existing resiliency. The chilled water production and distribution systems must be upgraded in order to maintain continuity of campus business operations requiring campus chilled water.

### Objectives

- Increase chilled water production capacity by installing a 3 to 4M gallon thermal energy storage system (TES) including tank and associated piping.
- Update the Chilled Water Plant controls to incorporate the TES, improve system efficiency and reduce operational costs.
- Install additional cooling towers and increase low load (free cooling) heat exchanger capacity.

## PLANNED PROJECT

- Upgrade the electrical distribution system to provide redundancy to critical research buildings and improve safety.
- Increase the capacity and efficiency of the campus chilled water distribution system to support increased cooling demand and campus growth.
- Upgrade building control systems, improve heating and cooling performance and decrease building energy consumption, thereby reducing future costly utility system expansion.

### Design and Construction Scope

#### Phase 1A

- Design and construct a thermal energy storage system (TES)
- Update Chilled Water Plant controls and production efficiency
- Install additional cooling towers and heat exchanger capacity

#### Phase 1B

- Upgrades to electrical distribution system

#### Phase 1C

- Increase chilled water distribution system capacity

#### Phase 1D

- Upgrade building control and energy performance

### Project Status:

Phase 1A: Starting schematic design  
 Phase 1B: Assessing scope and budget  
 Phase 1C/D: TBD

## PROJECT STATS



**Project Type:** Utility Infrastructure

**Space Type:** N/A

**Square Footage:** N/A

### Anticipated Budget:

Phase 1A: \$7.5M - \$8.5M  
 Phase 1B/C/D: TBD

### Funding Source(s):

Phase 1A: \$6M Utility Service Center Infrastructure Renewal Reserves  
 \$2.5M System Development Funds  
 Phase 1B/C/D: Up to \$12M Revenue Bonds

### Project Duration:

Phase 1A: 18 months  
 Phase 1B-1D: 2-5 years



# Utility Infrastructure Upgrades Phase 2

## PROJECT DESCRIPTION

The University utility system consists of electrical, steam, and chilled water components of various ages and life expectancies, which use an underground tunnel system to distribute campus utilities.

Current chilled water production is by electric based chillers, which supply chilled water for space and process cooling. Campus uses natural gas fired boilers to produce steam, which is distributed to campus buildings and is used for heating, hot water and process needs.

As the utility infrastructure and equipment continues to age, investments will be needed to maintain operability of current systems in support of the business operations and resiliency of the campus.

A long term strategy is needed to continue utilizing existing forms of energy production and distribution or as an alternative, move to non-fossil fuel based production systems. The University is currently conducting a Thermal Systems Transition Study, which is required as part of the Climate Action Plan (CAP).

This Study will develop options for the use of non-fossil fuels on campus. System types, campus impacts, resiliency, timeline and cost will all be considered as part of the Study.

### Objectives

- Establish redundant electrical supply feeders to campus buildings.
- Repair or replace the east utility tunnel running under Franklin Blvd.
- Replace tunnel sections that do not have sufficient space to

## POTENTIAL PROJECT

accommodate additional piping or electrical cables.

- Steam piping phased replacement.
- Evaluate transitioning from steam to a water based distribution system, utilizing heat recovery chillers and electric hot water boilers.

### Project Status

Dependent upon the completion of Phase 1

## PROJECT STATS

**Project Type:** Utility

**Space Type:** N/A

**Square Footage:** N/A

**Anticipated Budget:** TBD

**Funding Source(s):** TBD

**Project Duration:** TBD