Veterinary Health and Education Complex

The future of veterinary medicine starts here

Addressing critical education and market needs

- Address severe DVM shortage by increasing the number of veterinary students (30 additional per class)
- Upgrade technology and facilities (55 years old in 2028) to deliver best-in-class, forward-thinking veterinary health care
- Assemble all four veterinary classes on one campus to foster a culture of discovery, wellbeing, professionalism, and peer support

Campus Benefits

- Strengthen notable symbol of the broad academic and research excellence at CSU
- Free up 18,000 sqft of space – labs, classrooms, offices and meeting rooms – on CSU main campus
- New opportunities for collaboration with internal and external partners on initiatives related to animal and human health

Modernizing facilities to align with education

- Design informed by faculty-led curriculum renewal efforts initiated in 2016
- Construction of Primary Care Center (PCC), Veterinary Education Center (VEC), and Livestock Hospital to support experiential learning and expand access to care
- Veterinary Education Center classroom construction for DVM years on and two on South Campus to accommodate student enrollment growth by 20%
- Livestock Hospital (Phase 1) and Animal Specialty Hospital (Phase 2) provide modern, WELL- and LEED-certified facilities to accommodate 21st-century veterinary medical care, education, and scholarship

Curriculum Renewal Timeline

- Faculty Fora, Focus Groups, Surveys, Votes, Feedback, Content Creation
- Qualtrix Survey: 96-98% Approval/Approval Minor Modifications
- Working groups, meetings, coaching, curriculum content development
- Implementation

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Design Development

VHEC Plan of Finance - Sources

<table>
<thead>
<tr>
<th>Capital Stack</th>
<th>Funds</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonding</td>
<td>229</td>
<td>$14.7m/year</td>
</tr>
<tr>
<td>State Funding</td>
<td>TBD</td>
<td>Proposed funding of $90m</td>
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<tr>
<td>Philanthropic**</td>
<td>TBD</td>
<td>At least $15M</td>
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<tr>
<td>CSU/CVMBS Cash**</td>
<td>11</td>
<td>Existing cash commitments</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>230</td>
<td></td>
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</tbody>
</table>

**~$9M CVMBS contributed cash plus faculty/staff salary

VHEC Phase 1 Debt Structuring

- Total Phase 1 Project - $230m
- Principal - $219m
- Annual max payment - $14.7m/year
- Coupons – 5% (tax exempt)
- Duration – 30 years each issuance
- Issuances - $100m, $100m and $24m*
- Capitalized interest – None*

*Final structuring still under development based on market conditions.

Comparisons to other CVM projects

- Purdue (2023-4): Veterinary Diagnostic Laboratory increased area by 60%, $1.3M appropriation, 2022-2023. Additional $35m for capital upgrades.
- University of Wisconsin (2019-21): Project is fully funded with $90 million from state support. $38M fundraising.
- University of Missouri (2023-4): $43 million for new veterinary diagnostic laboratory.
- University of Iowa (2023-5): $60M in support for phase 2 veterinary diagnostic lab.
- Texas A&M (2012-3): $120 million classroom building and small animal hospital expansion project. $53 million to fund new $165 million expansion.

Key Project Facts

- Significant time investment in project to date over 10 years
- Value engineering has significantly cut 'fat' prior to this exercise
- Incremental changes proposed that will not impact primary goals do not substantially decrease costs
- CVMBS has contributed many resources to this project and has identified funds that would pay 50% bond payments for tax exempt rate after 2030
- Costs do not greatly exceed other CVM teaching hospital projects, many of which have had substantial state support

Broad CVMBS Faculty Support

- ~90 faculty signatures (basic and clinical, all 4 CVMBS departments) endorsing the goals of this project on Aug 3 '23 letter to BOG
Project Overview:

Master Plan

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Phase 1

• Large, dividable active learning classroom (Veterinary Education Center, VEC)
• Primary Care Center (PCC)
• Phase 1 demo: Livestock Hospital, Critical Care, Anesthesia, Dentistry, Ophthalmology, Pharmacy, Offices, Waiting area
• M&E

Phase 2

• Tertiary Care Center Renovations (Animal Specialty Hospital, ASH)

Project Overview:

Livestock Hospital

Phase 1

• Classrooms
• Dry skills labs
• Simulation skills labs
• VTH offices, student lockers

Temporary Livestock Hospital
Project Overview: Phase 1, 3rd Level

• Active learning classroom
• Wet laboratories
• Laboratory support and microscopy
• Office and admin space

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