Master Plan Advisory Board Meeting
January 27, 2023
Master Plan Process

5 stage process over 16 months

6 cross-disciplinary design sessions

30+ listening sessions

6 open forums

4000+ survey participants

Observe and Analyze

Workshops 1-3
• Campus tours and interviews
• Existing conditions assessment
• Define goals and objectives

Envision

Workshop 4
• Programmatic drivers
• Concept framework

Generate

Workshops 5-7
• Scenario planning for campus precincts and systems

Synthesize

Workshop 8 – 10
• Synthesize preferred alternatives
• Develop implementation plan
• Campus open forum
• Final report
What defines this master plan?

A Commitment to serve all Tennesseans as a land grant University

Alignment with the Strategic Plan Goals

Cultivating the Volunteer Experience
Conducting Research that Makes Life & Lives Better
Ensuring a Culture Where VOL is a Verb
Making Ourselves Nimble & Adaptable
Embodying the Modern R1, Land-Grant University

Physical Drivers

- Improve gateways, edges, access, and first impression
- Create a safe and accessible pedestrian-friendly campus
- Ensure a sustainable strategy for parking
- Create stronger campus connections
- Improve connections to the community, downtown, and the river
Space Drivers: Growth and Renewal

Key programs driving growth

- Student housing demand
- Collaboration, study, and recreation space
- STEM instructional labs and maker spaces
- Haslam College of Business expansion
- Research

Facility condition and program alignment

- Outdated facilities limit programs and impact student experience
- 265,000 GSF of demolition related to funded or in construction projects
- 4.2m GSF of space in poor condition

Enrollments

<table>
<thead>
<tr>
<th>Year</th>
<th>UG Traditional</th>
<th>UG Online</th>
<th>G Traditional</th>
<th>G Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>24,929</td>
<td>138</td>
<td>5,155</td>
<td>1,479</td>
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<tr>
<td>2030</td>
<td>31,133</td>
<td>3,000</td>
<td>7,000</td>
<td>5,000</td>
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</table>

Outdated facilities limit programs and impact student experience

- 265,000 GSF of demolition related to funded or in construction projects
- 4.2m GSF of space in poor condition

4.2M GSF

Planned Demolition 1%
No Assessment Available 12%
Good Condition 30%
Average Condition 32%
Poor Condition 25%
## Space Findings

**Student Housing**

5,000 beds (new and replacement) needed through 2031

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### Academic, Research, Office

<table>
<thead>
<tr>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>Modeled</td>
<td>Difference</td>
<td>%</td>
<td>Existing + Planned Construction</td>
<td>Modeled</td>
</tr>
<tr>
<td>I - Classrooms</td>
<td>360,700</td>
<td>344,100</td>
<td>16,600</td>
<td>5%</td>
<td>427,700</td>
</tr>
<tr>
<td>II - Lab / Studio</td>
<td>289,600</td>
<td>237,600</td>
<td>52,000</td>
<td>18%</td>
<td>336,500</td>
</tr>
<tr>
<td>III - Open Lab</td>
<td>95,500</td>
<td>146,100</td>
<td>(50,600)</td>
<td>-53%</td>
<td>123,200</td>
</tr>
<tr>
<td>IV - Research</td>
<td>598,500</td>
<td>646,800</td>
<td>(48,300)</td>
<td>-8%</td>
<td>654,300</td>
</tr>
<tr>
<td>V - Office</td>
<td>1,408,000</td>
<td>1,062,490</td>
<td>345,510</td>
<td>25%</td>
<td>1,492,100</td>
</tr>
<tr>
<td>VI - Library</td>
<td>350,700</td>
<td>281,400</td>
<td>69,300</td>
<td>20%</td>
<td>350,400</td>
</tr>
<tr>
<td>VII - Phys Ed</td>
<td>265,700</td>
<td>322,100</td>
<td>(56,400)</td>
<td>-21%</td>
<td>265,700</td>
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### Support Space

<table>
<thead>
<tr>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>Modeled</td>
<td>Difference</td>
<td>%</td>
<td>Existing + Planned Construction</td>
<td>Modeled</td>
</tr>
<tr>
<td>Assembly, Exhibit &amp; Event Space</td>
<td>183,500</td>
<td>214,400</td>
<td>(30,900)</td>
<td>-17%</td>
<td>183,600</td>
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<tr>
<td>Dining Space</td>
<td>209,000</td>
<td>175,700</td>
<td>33,300</td>
<td>16%</td>
<td>210,200</td>
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<tr>
<td>Intercollegiate Athletics</td>
<td>620,700</td>
<td>620,700</td>
<td>0</td>
<td>0%</td>
<td>620,700</td>
</tr>
<tr>
<td>Student Health Care Facilities</td>
<td>14,800</td>
<td>15,900</td>
<td>(1,100)</td>
<td>-7%</td>
<td>14,800</td>
</tr>
<tr>
<td>Other Academic Space</td>
<td>135,300</td>
<td>146,400</td>
<td>(11,100)</td>
<td>-8%</td>
<td>137,600</td>
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<tr>
<td>Other Administrative Space</td>
<td>314,900</td>
<td>313,700</td>
<td>1,200</td>
<td>0%</td>
<td>314,900</td>
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<tr>
<td>Clinic Space</td>
<td>30,000</td>
<td>30,000</td>
<td>0</td>
<td>0%</td>
<td>30,000</td>
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<tr>
<td>Veterinary Clinic</td>
<td>75,800</td>
<td>75,800</td>
<td>0</td>
<td>0%</td>
<td>75,800</td>
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<tr>
<td>Physical Plant</td>
<td>359,500</td>
<td>384,000</td>
<td>(24,500)</td>
<td>-7%</td>
<td>361,400</td>
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</table>

### Institution Total

<table>
<thead>
<tr>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
<th>Modeled</th>
<th>Difference</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing</td>
<td>Modeled</td>
<td>Difference</td>
<td>%</td>
<td>Existing + Planned Construction</td>
<td>Modeled</td>
</tr>
<tr>
<td>5,312,200</td>
<td>5,017,190</td>
<td>295,010</td>
<td>6%</td>
<td>5,598,900</td>
<td>6,246,460</td>
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**Legend**

- **Surplus**
- **In Balance**
- **Need**

**NASF quantities are rounded individually to the nearest 100**

**Percentages represent the surplus/need as a percentage of the existing space**

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5,000 beds (new and replacement) needed through 2031.
Key strategies to support the volunteer experience

Interdisciplinary Hubs

Student Life Clusters

Campus Connections
Create interdisciplinary learning and research communities supported by shared facilities that catalyze innovation.
Campus Hub
UTIA - E J Chapman Drive

Proposed – 20’ Pedestrian Walk
Create a welcoming, vibrant, and mixed-use campus setting supporting student success and wellness.
Strengthen connectivity between campus hubs, to the river, and downtown through a cohesive network of landscapes and gateways.

Leverage Cherokee Farm as a centerpiece for innovation and increased partnerships downtown and greater Knoxville.
Campus Connections
UTIA - Joe Johnson Drive

Existing
Campus Connections
UTIA – Joe Johnson Drive

Proposed – Pedestrian and Bike Improvements
Funded, In Design, or In Construction

Building Projects - State Funds
1  Energy & Environmental Science Research Bldg
2  Veterinary Medical Center – Teaching and Learning Center
3  Croleys Nursing Building
4  Haslam College of Business Building

Building Projects - Potential Public-Private Partnership
A  Baseball - Indoor Practice field
B  Residence Hall #4
C  Residence Hall #5
D  Todd Helton Drive Residence Hall

Building Projects - E & G Residual and Donor Funds
E  Andy Holt Tower Interior Renovations
F  Collections and Storage at Middlebrook Pike
G  Concord Property - Academic Building Storage
H  Jenny Boyd Carousel Theatre New Building
I  Melrose Student Success
J  Presidential Court Building Renovation
K  Walters Academic Building Renovation
L  William M. Bass Building Expansion

Building Projects - Athletics Auxiliary Funds
M  Golf Practice Facility - Weight Room
N  Haslam Field Expansion
O  Lindsey Nelson Stadium Renovations
P  Neyland South Stadium Renovations
Near Term

Building Projects - State Funds
1 Chemistry Building (Panhellenic Site)
2 Interdisciplinary Classroom/Humanities Building
3 Interdisciplinary Health, Research & Clinic (Jessie Harris Site)
4 Interdisciplinary Research (Dabney-Buehler Site)
5 Interdisciplinary Academic Building (Temple Site)

Building Projects - Housing Auxiliary Funds
A Carrick Renovation or Replacement
B Greek Housing Expansion
C Reese Renovation or Replacement
D Second Creek Student Housing (potential partnership with City of Knoxville)
E Volunteer Blvd and Lake Loudoun Blvd Residence Hall

Building Projects - E & G Residual and Donor Funds
F Computing and Data Building
G Concord Property
  - Collections and Storage
  - Facilities Services
  - Facility Services Surplus and Storage
  - Fleet Management
  - Public Safety Building
H Cultural and Recreation Center - Cherokee Farm
I Frieson Black Cultural Center Expansion
J Grounds Operations Support Building
K TRECS (Tennessee Recreation Center for Students) Expansion
L Sutherland Support Building
M UT Culinary Institute & Creamery Site Redevelopment
N UT Drive Garage
O UTSI Innovation Building #1
P Veterinary Medical Center - Small Animal Hospital Renovation

0-5 years

Previous Phase Projects
Reno New Near-term (0-5 years)
Near Term

Building Projects – Athletics Auxiliary Funds

Q  Goodfriend Tennis Center Renovation
R  Indoor Track Practice Facility
S  Neyland Stadium East Renovation
T  Neyland Stadium Hotel and G10 redevelopment
U  Neyland Thompson Sports Center Renovation
V  Sherri Parker Lee Softball Stadium Expansion
W  Soccer Coaches’ Office Building
X  Thompson-Boling Arena - River Club
Y  Wayne G Basler Boathouse Improvements and Addition

0-5 years

Previous Phase Projects

Reno  New

Near-term (0-5 years)
5-10 years

Mid Term

Building Projects – State Funds
1. Academic Building (Circle Park Site)
2. Art & Architecture Building Renovation
3. College of Veterinary Medicine Research Space and Expansion
4. Communications and Student Services Building Renovation and Addition
5. Interdisciplinary Academic, Research Learning Commons Building (Racheff Site)
6. Interdisciplinary Instructional Building (Walters Site)
7. Morgan Hall Building Addition and Renovation
8. UTSI Main Academic Building Renovation
9. UTSI Research Lab Building
10. UTSI TALon Lab Building Addition

Building Projects – Housing Auxiliary Funds
A. Clement Hall Redevelopment
B. UTSI Dormitory Building Renovation

Building Projects – E & G Residual and Donor Funds
C. Hoskins Renovation and Addition
D. HPER / ROTC New Building
E. Research Building at UT Research Park at Cherokee Farm
F. Stokely Management Renovation for Interdisciplinary Research and Office
G. TRECS Renovation
H. UTIA Garden Education and Discovery Center
I. UTIA Parking Garage with Greenhouses
J. UTSI C-Star Building Renovation

Building Projects – Athletics Auxiliary Funds
K. Allan Jones Aquatic Center Renovations and Addition
10+ years

Long Term

Building Projects – State Funds
1. Academic and Research Building (Ferris Site)
2. Academic and Research Building (Perkins Site)
3. Academic and Research Building (UTIA NE Site)
4. Academic Building (HSS replacement)
5. Academic Building (McClung Tower Replacement)
6. Academic Building (UTIA McCord Site)
7. Academic Building Site and Garage (Massey Site)
8. Andy Holt Tower Building Renovation
9. Austin Peay Building Renovation
10. Crops Genetics Laboratory Renovation
    Food Safety Building Renovation
11. Interdisciplinary Research Building (UTIA South Site)
12. Nielsen Physics Renovation and Addition
13. Nursing Education Building Renovation and Expansion

Building Projects – Housing Auxiliary Funds
A. Housing Village
B. Laurel Residence Hall Redevelopment
C. Hess Residence Hall Redevelopment

Building Projects - E & G Residual and Donor Funds
D. Andy Holt Tower Garage Replacement
E. International House Redevelopment
F. Mixed Use Building Site - Pedestrian Bridge Landing
G. South Waterfront Partnerships
H. Research Buildings at UT Research Park at Cherokee Farm
Site Projects

**Funded, In Design or In Construction**
A Regional Stormwater Park
B Volunteer Boulevard Streetscape

**Near Term**
C Joe Johnson Road Diet and Bridge Pedestrian Improvements
D Storm Water Mitigation Bank (Mt Castle Park)
E Streetscapes (Lake, Terrace, Caledonia)
F Third Creek Corridor
G Todd Helton Dr. Improvements and Realignment
H UTIA Loop Road
I UTIA Pedestrian Spine
J Vol Navy Boat Docks - Lake Loudon Blvd and Neyland Drive

**Mid Term**
K Melrose Place Improvements
L Neyland Drive Improvements
M Pedestrian Bridge - Stephenson Drive/Soccer Field
N Phillip Fulmer Way Pedestrian improvements
O Presidential Courtyard Renovation (Storm water mitigation bank)
P The Hill Hardscape and Pedestrian Crossing Improvements

**Long Term**
Q City of Knoxville Pedestrian-Bicycle Bridge Landing Plaza
R Cumberland Avenue Improvements
S Neyland Stadium Plaza
10-year Outcomes

2.9M GSF of renewal through major renovation and demolition

3.3M GSF of non-residential space supports modern instruction, STEM and research growth, and the student experience

Strengthened arts and humanities adjacencies

1M GSF of housing to meet immediate needs
UTSI Boundary

Legend

- Proposed 2023 Institutional zone