1. Introduction
2. Planning Drivers
3. Alternatives
4. Next Steps
Introduction
Your Master Planning Team

Neal Kessler
Lead Campus Planner

Lauren Williams
Campus Planner

Loma Allen
Site Designer

Steven Auterman
Urban Planner
Master Planning Process

Task One
Discovery & Goal Setting
Introduction to Campus

Task Two
Campus Analysis & Space Needs
Understanding your Campus

Task Three
Idea Generation
Concept Alternatives

Task Four
Refinement
Preliminary Campus Master Plan

Task Five
Documentation
Report & Final Presentation
An Inclusive Approach

- President’s Council
- Strategic Working Committee
- Lambuth Campus Advisory Committee
- Campus / Community Open Houses
- Student Open Forums
- Focus Group Meetings
  - Interviews by College
  - Administrative and Support
  - Athletics
  - Board of Visitors Working Group
  - Neighborhood Constituents
- Master Plan Website
  www.memphis.edu/masterplan
University of Memphis - Today

By the Numbers...

• Locations: 8
• Campuses: 3 - Main, Park Avenue, Lambuth
• Total Acreage: 1,607 acres
• Total Facilities: 6.8m gross square feet
• Total Enrollment: 22,428
• Fall 2013 Sponsored Research: $60m
Guiding Principles

- Cultivate a mixed-function, interdisciplinary residential community of learning.
- Develop a master plan based upon the academic mission of the institution that promotes growth and retention of a diverse student body.
- Encourage opportunities for physical development and the creation of memorable spaces within the center of campus.
- Provide a framework in which the University can participate with its neighbors in planning and improving the environment around the campus.
Guiding Principles

- Develop a framework of organized growth at the Park Avenue Campus.
- Enhance the Lambuth Campus to encourage it to become an integral part of the University and the community of Jackson.
- Create one interconnected UNI-versity.
Planning Drivers
Strategic Decisions

- Direction of Future Growth?
- Convocation Center? (On or Off Campus)
- Enrollment Projections?
- Housing Strategy?
### Enrollment Projections

<table>
<thead>
<tr>
<th></th>
<th>Base Year (fall 2013)</th>
<th>Target Year (fall 2024)</th>
<th>Projected Fall 2024</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Main Campus + Park Avenue Campus</td>
<td>Lambuth Campus</td>
<td>Main Campus + Park Avenue Campus</td>
</tr>
<tr>
<td>College of Arts &amp; Sciences</td>
<td>5,311 113</td>
<td>5,424</td>
<td>6,150 206</td>
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<tr>
<td>Fogelman College of Business and Economics</td>
<td>3,254 77</td>
<td>3,331</td>
<td>3,754 141</td>
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<tr>
<td>College of Communication and Fine Arts</td>
<td>1,711 22</td>
<td>1,733</td>
<td>1,978 40</td>
</tr>
<tr>
<td>College of Education, Health and Human Sciences</td>
<td>2,732 125</td>
<td>2,857</td>
<td>3,132 228</td>
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<td>Herff College of Engineering</td>
<td>1,148 2</td>
<td>1,150</td>
<td>1,388 4</td>
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<tr>
<td>Cecil C. Humphreys School of Law</td>
<td>360 0</td>
<td>360</td>
<td>380 0</td>
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<tr>
<td>Loewenberg School of Nursing</td>
<td>1,865 95</td>
<td>1,960</td>
<td>2,278 173</td>
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<td>University College</td>
<td>1,638 75</td>
<td>1,713</td>
<td>1,971 137</td>
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<tr>
<td>All Other (e.g., Academic Counseling Center; on-line)</td>
<td>3,861 39</td>
<td>3,900</td>
<td>5,968 71</td>
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<tr>
<td></td>
<td><strong>21,880 548</strong></td>
<td><strong>22,428</strong></td>
<td><strong>27,000 1,000</strong></td>
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</tbody>
</table>
## University of Memphis

### Space Needs Analysis | Main Campus + Park Avenue Campus

<table>
<thead>
<tr>
<th>Space Category</th>
<th>Current</th>
<th>Target Enrollment</th>
<th>ASF</th>
<th>Guideline ASF</th>
<th>Surplus/Deficit</th>
<th>ASF</th>
<th>Guideline ASF</th>
<th>Surplus/Deficit</th>
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</thead>
<tbody>
<tr>
<td><strong>Academic Space</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classroom &amp; Service</td>
<td>251,538</td>
<td>252,341</td>
<td>29.812</td>
<td>251,538</td>
<td>252,341</td>
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<tr>
<td>Laboratories</td>
<td>544,480</td>
<td>661,867</td>
<td>117.407</td>
<td>544,480</td>
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<tr>
<td>Teaching Laboratories &amp; Service</td>
<td>170,073</td>
<td>156,930</td>
<td>11.143</td>
<td>170,073</td>
<td>156,930</td>
<td></td>
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<tr>
<td>Open Study Laboratories &amp; Service</td>
<td>144,105</td>
<td>135,625</td>
<td>9.100</td>
<td>144,105</td>
<td>135,625</td>
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<td>Research Laboratories &amp; Service</td>
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<td>369,932</td>
<td>139.650</td>
<td>230,282</td>
<td>369,932</td>
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<td><strong>Academic Space Total</strong></td>
<td>795,995</td>
<td>914,208</td>
<td>118.213</td>
<td>795,995</td>
<td>914,208</td>
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<tr>
<td><strong>Academic Support Space</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office &amp; Service</td>
<td>829,729</td>
<td>653,235</td>
<td>176.494</td>
<td>829,729</td>
<td>653,235</td>
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<tr>
<td>Library</td>
<td>210,431</td>
<td>226,630</td>
<td>16.399</td>
<td>210,431</td>
<td>226,630</td>
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<tr>
<td>Recreation / Athletics</td>
<td>240,342</td>
<td>480,000</td>
<td>245.658</td>
<td>240,342</td>
<td>480,000</td>
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<tr>
<td><strong>Academic Support Space Total</strong></td>
<td>1,787,719</td>
<td>1,663,630</td>
<td>156.423</td>
<td>1,787,719</td>
<td>1,663,630</td>
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<tr>
<td><strong>NON-RESIDENTIAL TOTAL</strong></td>
<td>2,583,714</td>
<td>2,860,350</td>
<td>276.636</td>
<td>2,583,714</td>
<td>2,860,350</td>
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</tbody>
</table>

ASF = Assignable Square Feet

### University of Memphis

### Space Needs Analysis | Lambuth Campus

<table>
<thead>
<tr>
<th>Space Category</th>
<th>Current</th>
<th>Target Enrollment</th>
<th>ASF</th>
<th>Guideline ASF</th>
<th>Surplus/Deficit</th>
<th>ASF</th>
<th>Guideline ASF</th>
<th>Surplus/Deficit</th>
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<tbody>
<tr>
<td><strong>Academic Space</strong></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Classroom &amp; Service</td>
<td>21,919</td>
<td>20,000</td>
<td>1,919</td>
<td>21,919</td>
<td>20,000</td>
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<td>Laboratories</td>
<td>17,527</td>
<td>18,125</td>
<td>(598)</td>
<td>17,527</td>
<td>18,125</td>
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<tr>
<td>Teaching Laboratories &amp; Service</td>
<td>15,327</td>
<td>10,090</td>
<td>5,237</td>
<td>15,327</td>
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<td>Open Study Laboratories &amp; Service</td>
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<td>Research Laboratories &amp; Service</td>
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<td><strong>Academic Space Total</strong></td>
<td>39,446</td>
<td>38,125</td>
<td>1,321</td>
<td>39,446</td>
<td>38,125</td>
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<tr>
<td><strong>Academic Support Space</strong></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td>Office &amp; Service</td>
<td>32,403</td>
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<td>4,278</td>
<td>32,403</td>
<td>28,125</td>
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<tr>
<td>Learning Commons &amp; Study Space</td>
<td>17,331</td>
<td>17,500</td>
<td>(169)</td>
<td>17,331</td>
<td>17,500</td>
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<tr>
<td>Recreation / Athletics</td>
<td>43,159</td>
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<td>(6,841)</td>
<td>43,159</td>
<td>50,000</td>
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<tr>
<td>Assembly &amp; Exhibit</td>
<td>2,688</td>
<td>5,600</td>
<td>(2,912)</td>
<td>2,688</td>
<td>5,600</td>
<td></td>
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<tr>
<td>Student Center</td>
<td>2,800</td>
<td>12,500</td>
<td>(9,700)</td>
<td>2,800</td>
<td>12,500</td>
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<tr>
<td>Physical Plant</td>
<td>3,179</td>
<td>4,668</td>
<td>(1,489)</td>
<td>3,179</td>
<td>4,668</td>
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<tr>
<td>Other Dept. Space</td>
<td>1,143</td>
<td>3,750</td>
<td>(2,607)</td>
<td>1,143</td>
<td>3,750</td>
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<tr>
<td><strong>Academic Support Space Total</strong></td>
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<td>102,703</td>
<td>122,143</td>
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<tr>
<td><strong>Available for Reuse</strong></td>
<td>20,340</td>
<td>20,340</td>
<td>0</td>
<td>20,340</td>
<td>20,340</td>
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<td></td>
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<tr>
<td><strong>NON-RESIDENTIAL TOTAL</strong></td>
<td>162,489</td>
<td>160,268</td>
<td>2,221</td>
<td>162,489</td>
<td>160,268</td>
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</tr>
</tbody>
</table>

ASF = Assignable Square Feet
Classroom Utilization – Main Campus & Park Avenue Campus

**Monday**

**Wednesday**

**Friday**

**Tuesday**

**Thursday**

**Average (Mon-Fri)**
Building Utilization

- Buildings with highest weekly student contact hours:
  - Fogelman College of Bus & Econ Classroom Building (23,744 hours)
  - Mitchell Hall (17,006 hours)
  - Patterson Hall (16,576 hours)
  - Clement Hall (16,238 hours)

- Buildings with lowest weekly student contact hours:
  - Communication and Fine Arts Building (267 hours)
  - Hayden Hall (349 hours)

- Newest academic building has low utilization:
  - FedEx Institute of Technology (1,266 hours)
Building Age

- Heritage buildings located in core of campus:
  - Administration Building (1912)
  - Mynders Hall (1912)
  - Scates Hall (1922)
  - John Willard Brister Hall (1927)
  - Manning Hall (1930)

- Over 70% of existing facilities are over 40 years old

- Oldest building stock under Tennessee Board of Regents
Facility Assessment

- Facilities were evaluated in six categories:
  - Exterior Image and Condition
  - Entry Appearance
  - Lobby Aesthetics and Function
  - Interior Circulation Areas
  - Image of Functional (Service) Areas
  - Deferred Maintenance

- Quality Assessment was reviewed from the viewpoint of a visitor or student

- Opportunities for targeted enhancements to improve the user’s experience of campus

Greatest Opportunity for Improvement
Some Opportunity for Improvement
Summary: The majority of students are utilizing the oldest, poorest facilities on campus.

Consider:
- Impact on people’s perceptions of campus
- Ability to upgrade the student experience
- Site and facility conditions
- Phasing opportunities and challenges

Consider:
- Capital cost savings
- Ability to provide an outstanding student experience
- Potential for building and systems upgrades
- Surge space availability
Housing Assessment

Residents by Class Cohort

First Time Freshman Retention Rate by Residence

<table>
<thead>
<tr>
<th>Institution</th>
<th>Enrollment</th>
<th>Housing Capacity</th>
<th>Percent Housed</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Memphis</td>
<td>23,400</td>
<td>2,850</td>
<td>12%</td>
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<tr>
<td>Arkansas State University</td>
<td>13,877</td>
<td>3,036</td>
<td>22%</td>
</tr>
<tr>
<td>Middle Tennessee State University</td>
<td>21,744</td>
<td>3,454</td>
<td>16%</td>
</tr>
<tr>
<td>University of Houston</td>
<td>40,600</td>
<td>6,008</td>
<td>20%</td>
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<tr>
<td>University of Louisville</td>
<td>22,290</td>
<td>5,245</td>
<td>24%</td>
</tr>
<tr>
<td>University of South Florida</td>
<td>55,536</td>
<td>5,702</td>
<td>16%</td>
</tr>
<tr>
<td>University of Tennessee-Chattanooga</td>
<td>11,451</td>
<td>2,332</td>
<td>26%</td>
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<tr>
<td>University of Tennessee-Knoxville</td>
<td>27,769</td>
<td>7,520</td>
<td>27%</td>
</tr>
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</table>

Peer Institution Housing Capacities as Reported by ACUHO-I
Dining Assessment

<table>
<thead>
<tr>
<th>Dining Venue</th>
<th>Location</th>
<th>Deficient Number of Seats Currently</th>
<th>Deficient Total Net Square Feet Currently</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey Grill</td>
<td>Lambuth Campus</td>
<td>19</td>
<td>551</td>
</tr>
<tr>
<td>Einstein Bros. Bagel</td>
<td>Library</td>
<td>19</td>
<td>551</td>
</tr>
<tr>
<td>Jones Hall Food Court</td>
<td>Jones Hall</td>
<td>102</td>
<td>2,958</td>
</tr>
<tr>
<td>Dunkin Donuts</td>
<td>University Center</td>
<td>25</td>
<td>725</td>
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<tr>
<td>Union Food Court</td>
<td>University Center</td>
<td>133</td>
<td>3,857</td>
</tr>
</tbody>
</table>

Future Demand Analysis

- **Highly Desirable**
- **Moderately Desirable**
- **Needs Improvement**
- **Dining Opportunity**
Pedestrian Experience

- Strong existing north-south pedestrian corridor
- Weaker east-west pedestrian connections
- Pedestrian network breaks down near Patterson Ave.
- Opportunity to strengthen east-west pedestrian malls to encourage better connections to neighborhood
- Identify primary pedestrian and service corridors
A Holistic Future Outlook

Design Drivers

- **Ecology** – Encourage sustainable development initiatives on campus to promote ecological health

- **Fiscal** - Seek cost effective solutions to use the institution’s financial resources wisely

- **Campus Life** - Provide equitable access to campus services to enhance campus life

- **Heritage** - Preserve cultural links between people and place to inspire a deeper connection to the institution
What is an Alternative?

- An opportunity for brainstorming. A time to ask “What if”?
- A tool to encourage campus discussion and debate.
- A collection of ideas – some interchangeable.
- Represents a long-term view for campus.
- Depicts both discussed and new ideas.
- Won’t happen all at once!
Main Campus
2007 Existing Conditions

2007 Campus Master Plan
Land Use

Highland Strip Master Plan

Proposed Land Use

- Institutional
- Mixed-Use
- Single Family Res.
- Medium Density Res.
- High Density Res.
Main Campus Vision Plan

NEW FACILITIES / RENOVATIONS
1. STUDENT HOUSING
2. PARKING GARAGE / RESTAURANT
3. MUSIC CENTER
4. INTEGRATED SCIENCE RESEARCH (PHASE I and II)
5. RECREATION CENTER
6. ALUMNI CENTER
7. PARKING GARAGE
8. PHYSICAL PLANT
9. ENGINEERING RESEARCH / C.E.R.
10. STUDENT HOUSING
11. GREEN VILLAGE
12. CLASSROOM FACILITY REPLACEMENT
13. SCIENCE RENOVATION

INFRASTRUCTURE
A. CENTRAL AVENUE SAFETY IMPROVEMENTS
B. RAILROAD AT GRADE CROSSING IMPROVEMENTS
C. PATTISON REALIGNMENT
D. RECREATION FIELDS
E. PATTISON MEASIAN
F. LAND BRIDGE
G. CAMPUS GREEN
H. ALUMNI MALL REDEVELOPMENT
I. SCULPTURE GARDEN
J. SURFACE PARKING
Proposed Framework for Growth

Three Big Ideas!

A. Go West
   - Focus Growth to the West

B. Optimize the Core
   - Focus on the Core

C. Activate the N-S Corridor
   - Focus Growth Along Corridor
Existing Campus
Projects Common to All Alternatives

1. Student Recreation Center
2. Pedestrian Land Bridge
3. Parking Structure
4. Residence Hall
5. Engineering/CERI Building
6. Carpenter Housing Expansion
Proposed Major Renovations

1. Administration Building
2. McWherter Library
3. Mynders Hall
4. Roane Fieldhouse
5. Hudson Health Services
21st Century Libraries / Learning Commons

- Group Break-out Spaces
- Engagement Elements
- Amenities
- Versatile Assembly Space
- E-Book Learning
- Study Areas
- Collaboration Zones

The University of Memphis
Facilities Master Plan Update
Workplace of the Future

University of Cincinnati
College of Nursing Workplace Renovation
Memorial Field House (ca. 1933)

- Conversion to 21st century learning environment
- Includes classrooms, teaching labs, faculty offices, quiet study rooms, and a 250-seat auditorium
- First LEED Gold certified building on campus
- Renovation cost: $21.5 million

Video Coverage:
http://www.youtube.com/watch?v=VPEheSDM4dQ
http://www.youtube.com/watch?v=O2p8aXidmIo
Field House Renovations - Central Michigan University

Rose Arena (ca.1973)

- Transformation of a 1970s-era gymnasium into multi-use events complex
- Reduced seat count for better atmosphere, added suites and new building entry
- Used for varsity athletics, performing arts, and student activities
- Renovation cost: $22.5 million

Video Coverage: 
http://www.youtube.com/watch?v=0PUko6yybMI

Source: SmithGroupJJR Source: SmithGroupJJR Source: SmithGroupJJR
Open Space Framework
A Go West

- Existing Building
- Proposed Building
- Proposed Major Renovation

THE UNIVERSITY OF MEMPHIS

FACILITIES MASTER PLAN UPDATE
Go West

1. Norriswood Avenue
2. Veterans Drive
3. State Drive
4. Watauga Avenue
5. Alumni Drive
6. Echles Avenue

Existing Building
Proposed Building
Proposed Major Renovation

Road Closures

THE UNIVERSITY OF MEMPHIS

FACILITIES MASTER PLAN UPDATE
Go West

1. Music Center
2. New Classroom Building
3. New Science Facility
4. Ball Hall Expansion
Go West

1. Alumni Center
2. Visitor & Recruitment Center
3. Physical Plant
Go West

1. Greek Village
2. Residence Hall
3. Dining Venue
Outside the Box Thinking

1. **Architectural Response**
   - Baylor University

2. **Retail Frontage**
   - Ohio State University

3. **Utilities and Infrastructure**
   - Pennsylvania State University

4. **Office Space**
   - Michigan State University

5. **Dining, and Campus Welcome Center**
   - University of Houston

6. **Material Expression**
   - Indiana University

7. **Vertical Integration**
   - University of Michigan
Go West

- Existing Building
- Proposed Building
- Proposed Major Renovation
B) Optimize the Core

- Existing Building
- Proposed Building
- Proposed Major Renovation
B Optimize the Core

1. Norriswood Avenue
2. Veterans Drive
3. Desoto Drive
4. State Drive
5. Alumni Drive
6. Echles Avenue

Road Closures

- Norriswood Avenue
- Veterans Drive
- Desoto Drive
- State Drive
- Alumni Drive
- Echles Avenue
B Optimize the Core

1. Music Center
2. New Classroom Building
3. New Science Facility
4. Ball Hall Expansion
5. Confucius Institute
B Optimize the Core

1 Alumni Center
2 Visitor & Recruitment Center
3 Physical Plant
B Optimize the Core

1. Greek Village
2. Residence Hall
B Optimize the Core

Parking Structure

- Academics
- Administrative
- Residential
- Parking Structure
C Activate the N-S Corridor

- Existing Building
- Proposed Building
- Proposed Major Renovation
Activate the N-S Corridor

1. Norriswood Avenue
2. Veterans Drive
3. State Drive
4. Alumni Drive
5. Patterson Street
6. Echles Avenue
7. Service Access

Road Closures

- Activate the N-S Corridor
Activate the N-S Corridor

1. Music Center
2. New Classroom Building
3. New Science Facility
4. Campus School
5. Confucius Institute
Activate the N-S Corridor

1. Alumni Center
2. Visitor & Recruitment Center
Activate the N-S Corridor

1. Greek Village
2. Residence Hall
Activate the N-S Corridor

Parking Structure
B Optimize the Core

- Existing Building
- Proposed Building
- Proposed Major Renovation
Activate the N-S Corridor
Main Campus Alternatives

A. Go West
B. Optimize the Core
C. Activate the N-S Corridor

In general, which direction of growth do you like best?
It’s your turn . . . What are your thoughts?

Main Campus:

• What should be the future use of Mynders Hall?
• What is the best location for the proposed Music Center?
• What is the best location for the Alumni Center?
• If new student housing is needed, where would you like to see it located?
• Should the Fieldhouse be preserved? If so, should it remain for athletic use or be renovated for academics / student services?
• Should a portion of Patterson Avenue be closed?
• What is the ideal location for a new parking structure?
Existing Park Avenue Campus
A Rich History

Veteran’s Affairs Hospital - Circa 1940s
Land Use

Existing Conditions

Proposed Framework

Park Avenue Campus

Retail

City Park

Religious

Single Family Residential

Getwell Corridor Overlay Zone

Park Avenue Campus
Development Opportunities

Inter-Campus Connectivity

- Opportunity to strengthen connection between campuses thru circulation and wayfinding initiatives
Development Opportunities

Bicycle Network

- Existing bike paths/lanes along Southern Ave.

- Opportunities to improve connections between Main, Audubon Park and Park Ave

- Opportunities to connect campuses to surrounding residential and commercial
Development Opportunities

Blue Line Circulation

- Existing Blue Line connects Main and Park Avenue campuses

- Opportunities to add additional route to allow connection to Audubon Park

- Opportunities to connect campuses to surrounding residential and commercial
Park Avenue Campus Vision Plan

Map prepared by: Campus Planning + Design
Park Avenue Campus Alternatives

Three Development Patterns:

A

B

C
It’s your turn... What are your thoughts?

Park Avenue Campus:

• Which alternative provides the best future development framework for the campus?
• Should residential be provided on the Park Avenue Campus?
• Which location makes the most sense for the Basketball Training Facility?
• How close should development be to Getwell Road?
Lambuth Campus – What Did We Hear?
Lambuth Campus – What Did We Hear?

Lambuth Campus - Focus Group
(02.10.14)

**Preserve**
- Quad and front lawn
- Football property for future expansion
- Historic elements and architecture
- Trees, Lambuth tradition
- Public school, private feel

**Enhance**
- All buildings on Quad
- Athletic facilities for intramurals
- Parking near Varnell-Jones
- Signage
- Parking garage needed
- Sprague Hall
- Community spaces
- Campus security
- More facilities with weekend hours
- ADA accessibility in all buildings
- Services for area children
- Learning services, centrally locate

**Transform**
- Epworth Hall, Oxley Commons
- Softball (unused)
- Library into learning center
- Wilder Hall, Harrison Hall
- Remove vacant homes along campus edge
- Old fraternity houses
- More than 50% campus residents were student athletes
- Services to attract students
- Students commuting to campus
- Larger classrooms (75+ seat)
- Flexible large rooms
- Bike paths to connect to Jackson
- Drainage issues
- Lighting
### Lambuth Campus – Campus/Community Open House

**Preserve**
- Green space
- Varnell-Jones and Chapel
- Charm and appeal of campus
- Planetarium (fieldtrips from area children)
- Maintain exterior facades
- Intramurals on campus

**Enhance**
- Interiors of all buildings
- Partnerships with area clubs and schools for athletic fields
- Library, labs, technology and ADA
- Use campus for kids camps
- Harrison and Sprague
- Campus integration into community
- Developer’s understanding of UM’s vision for campus
- Carney basement
- Appeal to prospective students

**Transform**
- Need athletic building
- Increase classroom space
- Epworth Hall (salvageable?), possible neighborhood school
- Teacher prep
- Bigger classroom spaces
- Blighted areas near campus
- Abandoned fraternities
- Students leave on weekends for dining options
- Dining options, weekend hours
- Theatre back on campus
- Safety perception of campus
- Campus lighting
Lambuth Campus – Help is on its Way!

Priority Projects Under Way

- Recreation Center Improvements
- General Building Enclosure Repairs
- Elevators (Library, Student Union, and Hyde)
- HVAC Improvements (Varnell-Jones, Hyde, Library, and Student Union)
- Student Union Interior Upgrades
- Hyde Fume Hoods/Safety Improvements
- Storm Drainage System
- LED Campus Lighting Improvements
- Irrigation System
- Exterior Signs

TOTAL COST: $14,800,000
Geographic Relationships
Lambuth Campus Alternative

1. New Science Building
2. Renovate Hyde for Nursing
3. Renovate Sprague for Academic
4. Replace Spangler w/New Res Hall
5. Renovate Harris
6. Learning Commons
7. New Campus/Community Facility
Lambuth Campus Alternative

1. New Nursing Building
2. Renovate Hyde for Science
3. Renovate Sprague for Academic
4. Renovate Spangler
5. Replace Harris with New Res Hall
6. Learning Commons
7. New Campus/Community Facility

Legend:
- Existing Building
- Proposed Building
- Proposed Major Renovation
Lambuth Campus Alternative

- Existing Building
- Proposed Building
- Proposed Major Renovation

[Map of Lambuth Campus Alternative with streets and buildings marked]
Lambuth Central Open Space

1. Enhance The Open Spaces
2. Make ADA Accessible
3. Drainage System
4. Lighting
5. Irrigation
Lambuth Open Space Improvements
Lambuth Pedestrian Enhancements

1. Re-Align Some Walks
2. Widen Some Walks
3. Enhanced Lighting
4. New Walks to Connect All Facilities
Lambuth Pedestrian Enhancements
Lambuth Campus Edges and Gateway Improvements

1. Edges Should Reinforce Image
2. Better Walkways on Edges
3. Enhance Gateways
4. New Campus Signage
5. Appropriate Parking Image
Lambuth Campus Improvements
It’s your turn... What are your thoughts?

Lambuth Campus:
• Which alternative provides the best development solution for the campus?
• Where should residence halls be located on campus?
• Which location works best for Nursing? Science?
• How could campus be better connected to surrounding districts?
• How can the gateways and edges better define the campus?
Next Steps
Task 4 – Refinement Phase

Preliminary Master Plan

Data Informed Metrics

<table>
<thead>
<tr>
<th></th>
<th>Today</th>
<th>Target Year</th>
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<tbody>
<tr>
<td>Total Campus Population</td>
<td>17,436</td>
<td>20,287</td>
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<tr>
<td>Student Headcount</td>
<td>15,900</td>
<td>16,500</td>
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<tr>
<td>Undergraduate</td>
<td>13,992</td>
<td>16,280</td>
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<tr>
<td>Graduate</td>
<td>1,908</td>
<td>2,220</td>
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<tr>
<td>Graduate Percentage</td>
<td>12%</td>
<td>12%</td>
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<tr>
<td>Faculty</td>
<td>751</td>
<td>874</td>
</tr>
<tr>
<td>Staff</td>
<td>785</td>
<td>913</td>
</tr>
<tr>
<td>Campus Area</td>
<td>272 ac.</td>
<td>272 ac.</td>
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<tr>
<td>Total Building GSF</td>
<td>3,377,356 gsf</td>
<td>4,074,564 gsf</td>
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<tr>
<td>Campus FAR</td>
<td>0.29</td>
<td>0.41</td>
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<tr>
<td>Academic GSF</td>
<td>2,347,939 gsf</td>
<td>3,423,272 gsf</td>
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<tr>
<td>Academic NASF/Student</td>
<td>97 nasf</td>
<td>120 nasf</td>
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<tr>
<td>Academic NASF</td>
<td>1,547,917 nasf</td>
<td>2,220,000 nasf</td>
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<tr>
<td>Residential Units</td>
<td>3,500</td>
<td>4,625</td>
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<td>Residential GSF</td>
<td>1,029,417 gsf</td>
<td>1,451,292 gsf</td>
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<td>Residential Ratio</td>
<td>0.22</td>
<td>0.25</td>
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<tr>
<td>Total Parking Spaces</td>
<td>5,789</td>
<td>6,740</td>
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<td>Parking Ratio</td>
<td>3.01</td>
<td>3.01</td>
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</tbody>
</table>
Task 4 – Refinement Phase

Design Guidelines

- **Architectural Details**
  Aesthetics, Character, Form, Fenestration
- **Urban Design Criteria**
  Campus Structure, Open Space
- **Public Realm**
  Gateways, Pedestrian Realm, Streetscape, Parking
- **Infrastructure**
  Building Systems Integration
- **Materials**
  Architectural, Landscape