WRIGHT STATE UNIVERSITY: "The Best University for the World"

CAMPUS MASTER PLAN

FINAL PLAN REVIEW
NOV 2015
Process + Schedule

**ANALYSIS + IDEATION**
- Workshop #1: Mar. 11-13, 2015
  - Logistics & Listening
- Workshop #2: Mar. 23-24, 2015
  - Design Charrette
- Workshop #3: April 20-21, 2015
  - Faculty Senate Presentation

**CONCEPT DEVELOPMENT + SCENARIO TESTING**
- Workshop #4: May 12-13, 2015
  - Consolidated Concept Presentation
- Presentation: June 8, 2015
  - Board Advance Presentation
- Advance Presentation: July, 2015
  - Draft Report Development

**REVIEW + REFINEMENT**
- Workshop #5: August, 2015
  - Infrastructure + Dean’s Review
- Workshop #6: September, 2015
  - Phasing + Executive Review
- Workshop #7: October, 2015
  - Faculty Senate + Staff Review
Supporting WSU’s Mission and Vision:

Wright State University, inspired by the CREATIVE spirit of the Wright brothers, will be Ohio’s most LEARNING-CENTERED and INNOVATIVE university, known and admired for our INCLUSIVE culture that respects the unique value of each of our students, faculty, staff, and alumni and for the positive TRANSFORMATIVE IMPACT we have on the lives of our students and the communities we serve.
Overarching Characteristics:

Inclusive - accessible to all people

Welcoming - clearly coordinated entrances with transit and parking

Common Campus Vocabulary – signature facilities, furnishings, planting, paving, public art, site lighting, and signage

Student-Centered - active learning and research on display

Liberal Arts Core - linked with interdisciplinary graduate programs

Research Anchors - with community connectivity

Vibrant Open Space - seasonally attractive, active and integrated with buildings

Wooded Preserve - campus sustainability on display
Major Components:

- **New Academic And Research Quad** - to replace outdated facilities
- **Enhanced Tunnel System** - with clear points of entry
- **New Student Housing Neighborhoods** - to meet demand
- **New Rec Center** - linked to renovated Student Union
- **New Special Events and Conferencing Centers** - in Campus Core
- **Multi-Purpose Development** - along Colonel Glenn Highway
- **Improved Gateways** - to “South Campus” and I-675 pedestrian bridge
- **Expanded Clinics** - in a “Wellness and Fitness District”
- **Nutter Center Loop Road** - linking Rec Sports and Athletics
Enrollment / Staffing Growth

Enrollment (FTE)

Faculty and Staff (FTE)
Research Growth

External Expenditures

Principal Investigators

Fueled by Partnerships
Space Needs – Dashboard Analysis
## Space Needs - Summary

<table>
<thead>
<tr>
<th>Space Type</th>
<th>Square Feet</th>
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<tbody>
<tr>
<td>Research Space</td>
<td>539,311 SF</td>
</tr>
<tr>
<td>Academic Space</td>
<td>321,236 SF</td>
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<tr>
<td>Student Support</td>
<td>30,596 SF</td>
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<tr>
<td>Study Space</td>
<td>93,094 SF</td>
</tr>
<tr>
<td>Administrative Space</td>
<td>47,889 SF</td>
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<tr>
<td>Facilities Support</td>
<td>39,558 SF</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,071,684 SF</strong></td>
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--------- Space need due to replacement

<table>
<thead>
<tr>
<th>Space Type</th>
<th>Square Feet</th>
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<tbody>
<tr>
<td>Academic Space</td>
<td>43%</td>
</tr>
<tr>
<td>Research Space</td>
<td>18%</td>
</tr>
<tr>
<td>Student Support</td>
<td>21%</td>
</tr>
<tr>
<td>Study Space</td>
<td>5%</td>
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<tr>
<td>Administrative Space</td>
<td>72%</td>
</tr>
<tr>
<td>Facilities Support</td>
<td>52%</td>
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</tbody>
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Facility Strategy – Highest and Best Use
Proposed Facility and Land Use – Creating Community
Existing Facility Use By College
Proposed Open Space
Proposed Parking and Vehicular Circulation
Proposed Master Plan
Proposed Phasing + Funding

Provide Flexibility Across Phases
- Establish “enabling” utility and infrastructure backbone
- Position interchangeable projects

Link Capital Priorities to Enrollment, Staffing, Program and Research Initiatives
- Consider ROI
- Invest in improving open space and experience
- Verify all decisions are data-driven
- Bundle related repurposing and replacement

Next Steps: Identify Funding Sources
- State requests
- Bonds
- External grants
- Corporate and community partners
- Development partners
- User fees that reflect costs
Potential Short Term Development
Potential Mid-Term Development
Potential Long-Term Development
Renewed and Flexible Facilities
Accessible and Experiential Open Space
Multi-Modal and Pedestrian-Friendly Circulation
Resiliency Strategies - Facilities

Provide Redundancy
• Develop loops and additional plants for utilities
• Ensure aquifer can meet campus water needs and protect from contamination
• Maintain system of back-up generators

Replace Outdated Facilities with High Performance Buildings
• Optimize energy performance, particularly critical in labs
• Mass to utilize daylight and views
• Site on previously developed land

Renovate / Repurpose Buildings for Energy Efficiency

Maintain / Explore On-Campus Renewable Energy

Build Community and Attachment to Campus
• “Front Door” Welcome and Study Center linked to Special Events Center
• New Rec Center linked to renovated Student Union
• Expanded clinics in a “Wellness District”
Resilient Facilities
Resiliency Strategies - Site

Universal Accessibility and All-Weather Walkability
- Improved tunnel system with daylight and clear entry points
- All-weather and direct on-grade connections

Multi-Modal Transportation (pedestrian, bicycle, shuttle, transit, car)
- Campus gateways connecting to “South Campus” and I-675 pedestrian bridge
- New campus access points
- Regional and community bike path connections
- Transit hubs for West Campus and East Campus
- Direct pathways between on-and-off campus housing and WSU programs
- Decreased reliance on single-occupancy vehicles and on-site parking

Protected and Restored Habitat
- Development located away from critical habitat
- Added ecological learning landscapes
- Reduced impervious surface
- Improved stormwater quality
Thank You!
Additional Housing, Dining and Rec Sports Information
Student Housing Demand

- Traditional Style: 261,250 GSF
- Suite Style: 119,700 GSF
- Apartment Style: 174,000 GSF
- Approx Building Area: 554,950 GSF

BED MIX: CURRENT | DEMAND

- Traditional: 950 Existing, 1,968 Demand
- Suite-/Pod-style: 1,626 Existing, 501 Demand
- Apartment: 1,336 Existing, 0 Demand
Dining Demand

All You Care To Eat Facility 22,000 GSF
The Woods Dining Facility 13,000 GSF
Creative Arts Center Catering/Dining 3,500 GSF
Town/Gown Supportive Dining/Retail TBD

Approx Building Area + 38,000 GSF
Recreation Demand

**Dedicated Recreation Center** 172,000 - 200,000 GSF
- 6-8 basketball courts
- 20,000-22,000 NSF weight & fitness
- 9,000-11,000 NSF multi-purpose rooms (group fitness, etc.)
- Athletics and Recreation pool
- Indoor walking/running track
- Indoor turf (soccer etc.)
- 2 racquetball /squash courts
- Building support & gathering spaces

**Lighted Multi Purpose Field Complex** 400,000 GSF
- Minimum 4 flag football/ soccer fields
- 3-4 Diamonds

**The Woods**
- Accessible Trails/ Updated Pathways
- New Signage/ Interpretive stations

**Approx Building Area** 200,000 GSF