INTRODUCTIONS

MATTHEW A. TOMASZEWSKI
Executive Associate Provost for Capitol Planning/Client UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

LAUREN LEIGHTY PLA, ASLA, LEED AP BD+C
Campus Studio Leader/Project Manager and Lead Planner SMITHGROUP

ANTHONY LOBELLO AIA
Higher Education Studio Leader/Architect SMITHGROUP
1. Describe how to effectively focus your campus master plan to serve as a catalyst for strategic, fiscal, and operational change that meets your institution's sustainability goals.

2. Identify key resources and important data sets – including space utilization, educational adequacy, facility condition, and energy and water use – to help guide a data-driven planning process that supports the strategic goals of the institution.

3. Engage a diverse group of campus and community stakeholders to build support around shared sustainability goals and ensure institutional ownership following plan completion.

4. Utilize key programmatic and space metrics to measure increased operational space efficiency and resource optimization of the physical environment.
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Proud History. Deep Roots.

President Killeen. Chancellor Jones.
Strategic. Focused. Land Grant Mission.

Regional Influence.
Flagship University in Illinois.
Annual Impact. Strong Partnerships.

Global Impact.
Pre-eminent Public Research University.
$642M Total Research. Interdisciplinary.
<table>
<thead>
<tr>
<th>Data</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Founded</td>
<td>1867</td>
</tr>
<tr>
<td>Acreage</td>
<td>1,783</td>
</tr>
<tr>
<td>Enrollment</td>
<td>45,034</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>31,989</td>
</tr>
<tr>
<td>Graduate</td>
<td>13,045</td>
</tr>
<tr>
<td>Students: faculty</td>
<td>19:1</td>
</tr>
<tr>
<td>Full-time faculty</td>
<td>2,317</td>
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<tr>
<td>Part-time faculty</td>
<td>899</td>
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<tr>
<td>Staff</td>
<td>10,736</td>
</tr>
<tr>
<td>Total Gross Square Feet</td>
<td>23,328,000</td>
</tr>
<tr>
<td>Net Assignable Square Feet</td>
<td>14,944,000</td>
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[Map of University of Illinois at Urbana-Champaign showing walking distances to different areas such as University Avenue, Kirby Avenue, and Lincoln.]
PURPOSE OF THE MASTER PLAN

CELEBRATE THE ILLINOIS LEGACY

PROVIDE AN UPDATED PLANNING FRAMEWORK TO GUIDE
ANTICIPATED FUTURE ENROLLMENT GROWTH & CAMPUS DEVELOPMENT
SUSTAINABILITY

ACHIEVE NO NEW SQUARE FOOTAGE GROWTH
SET AMIDST A CHALLENGING LANDSCAPE

- 2015-2017 Illinois Budget Impasse
- Interim Chancellor, President and Provost
- Aging Facilities, Deferred Maintenance
PROMOTING AN ALIGNED FUTURE STRATEGY
A TRANSFORMATIVE PLANNING PROCESS
OPEN. TRANSPARENT. INCLUSIVE.

- Stakeholder Interviews: 43
- Student Outreach Sessions: 8
- Committee Meetings: 79
- Public Forums: 6

Interactive Master Plan Website:
https://www.fs.illinois.edu/services/capital-programs/campus-master-planning
Reinforce the Campus Core
- The quality of the academic environment

Discovery and Collaboration
- The caliber, quantity, and connectivity of research programs, facilities, and land

Access and Connectivity
- Overcoming physical distance on campus

Student-Centered Campus
- The quality of Student Life programs

Neighborhood Identity
- The quality and physical organization of the campus environment

iCAP Goal - Net Zero Growth
- Balancing campus growth and renewal in support of iCAP goals and fiscal responsibility
CAMPUS
MASTER PLAN

Overall Campus Master Plan

- Illinois Existing Building
- Illinois Proposed Building
- Proposed Research Park Building (2012 RP MP)
- Proposed Building Renovation
- Future Development Zone
- Campus Landscape
- Athletic / Recreation Field
- Memorable Open Space
CAMPUS MASTER PLAN
ORGANIZING PRINCIPLES

REINFORCE THE CORE

COLLABORATE

CONNECT
REINFORCE THE CORE
HISTORIC MAIN QUAD AND MILITARY AXIS
ALIGNING SPACE NEEDS WITH NO NET NEW SPACE
Health Care: Patient care areas that are located in organized, budgeted health care facilities: student infirmaries and centers, teaching hospitals, stand-alone clinics run by hospitals, and veterinary and medical schools.

Classroom: A room or space used for instruction classes and is not tied to a specific subject or discipline by equipment in the room or the configuration of the space.

Study: A room or area used by individuals to study at their convenience, not being restricted to a subject or discipline by contained equipment.

Teaching Labs: A space used for scheduled instruction (including associated mandatory, but non-credit-earning laboratories) that require special purpose equipment or a specific space configuration for student participation, experimentation, observation, or practice in an academic discipline.

General Use: General use facilities comprise a campus general service or functional support system (e.g., assembly, exhibition, dining, relaxation, merchandising, recreation, general meetings, day care) for the institutional and participant community populations.

Special Use: Areas and rooms for military training, athletic activity, media production, clinical activities (outside of separately organized health care facilities), demonstration, agricultural field activities, and animal and plant shelters are included.

Research Lab: A space used for laboratory experimentation, research, or training in research methods; professional research and observation; or structured creative activity within a specific program or for sponsored research.

Residential: Residential facilities include housing for students, faculty, staff, and visitors to the institution.

Office: A space housing faculty, staff, or students working at one or more desks, tables, or workstations.

*Definitions from the Facilities Inventory and Classification Manual by the National Center for Educational Services
## Peer University Comparison

### (Non-Residential) Assignable Square Feet (ASF) v. Total Student FTE

<table>
<thead>
<tr>
<th>University</th>
<th>Total ASF</th>
<th>Student FTE</th>
<th>FTE Ave</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Colorado Boulder</td>
<td>3.61 M</td>
<td>28,142</td>
<td>4,000,000</td>
</tr>
<tr>
<td>University of Missouri Columbia</td>
<td>4.56 M</td>
<td>30,671</td>
<td>8,000,000</td>
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<tr>
<td>University of Maryland</td>
<td>4.67 M</td>
<td>32,429</td>
<td>12,000,000</td>
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<tr>
<td>The Ohio State University</td>
<td>6.15 M</td>
<td>45,034</td>
<td>40,127 Ave</td>
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<tr>
<td>Anonymous Big Ten</td>
<td>6.34 M</td>
<td>43,416</td>
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<tr>
<td>University of North Carolina Chapel Hill</td>
<td>6.59 M</td>
<td>29,537</td>
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<td>University of Texas Austin</td>
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<td>Penn State University</td>
<td>6.77 M</td>
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<tr>
<td>University of Wisconsin Madison</td>
<td>8.51 M</td>
<td>37,953</td>
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<tr>
<td>University of Illinois</td>
<td>9.37 M</td>
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<tr>
<td>University of Washington</td>
<td>11.24 M</td>
<td>46,492</td>
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</table>

2015
FY2011 FACILITY CONDITION INDEX (FCI)
QUALITATIVE ASSESSMENT (EDUCATIONAL ADEQUACY)

OVERALL BUILDING RATING

- 2 – 2.9 Marginal
- 3 – 3.9 Fair
- 4 – 4.9 Good
- 5 Excellent
- Renovation / Redevelopment Candidate

South Campus Inset
LESSONS LEARNED AND EARLY SUCCESSES
PROPOSED BUILDING / LAND USE

Legend:
- Academic / Research / Administrative
- Student Affairs
- Residential
- Athletics
- Mixed-Use
- Parking
- Library
ICAP GOAL – NET ZERO GROWTH

BALANCING FUTURE GROWTH AND RENEWAL WITH ICAP GOALS AND NO NET NEW SQUARE FOOTAGE

Reduce

Reduce Supply - remove obsolete structures
Reduce Demand - increase utilization, share resources

Reuse

Renovate and right-size for greater flexibility and utilization

Recycle

Re-purpose facilities to create a better functional fit

Renew

Replacement space / new construction as state-of-the-art interdisciplinary facilities
EARLY SuCCESSEs

THE ACES LEGACY CORRIDOR

- Celebrates the Land Grant Mission with a “Legacy Corridor” along Lincoln Ave.
- Consolidate ACES functions along Lincoln Ave. to Race St.
- Create a new ACES Gateway with a Community Connection Center at Arboretum (joint use with Arboretum).
- Visitor Tour from Community Connection Center to Sustainable Student Farm.
Feed Technology Center

The University of Illinois is a global leader in research and teaching in animal nutrition, animal sciences, and feed ingredient utilization. With a newly constructed, state-of-the-art Feed Technology Center, the University of Illinois and the College of Agricultural, Consumer and Environmental Sciences will be the national hub for new discoveries and advancement in animal management, nutrition, and production. The $20-million facility is located at the University of Illinois South Farms.

To learn more about the Feed Technology Center or contribute to its development, download our brochure or contact the ACES Office of Advancement at acesadvancement@illinois.edu or 217-333-9355.
EARLY SUCCESSES
FEED TECHNOLOGY CENTER

ACES NEWS

ADM invests $2.5 M towards Illinois Feed Technology Center

Left to right: Ryan Lane (ADM), Dean Kim Kidwell, Chancellor Robert Jones
EARLY SUCCESSES

STRENGTHENING NETWORKS – DISCOVERY & COLLABORATION

CONCEPTUAL DIAGRAM
STRENGTHENING NETWORKS
EARLY SuCCESSES

CAMPUS INSTRUCTIONAL FACILITY

Campus Instructional Facility Project incorporates green design, public-private partnership

Groundbreaking for the Campus Instructional Facility Project will take place Friday, April 12 at 3 p.m. The first classes in the facility are planned for fall 2022.

Illustration by Skidmore, Owings & Merrill
EARLY SUCCESSES

- Redeveloped budget model
- Streamlined the project approval process
- Identified P3 opportunities
- Promoted inter college communication
- Encouraged cross college collaboration
- Began college level planning
THE IMPACT OF PLACE
TOMORROW’S UNIVERSITY TODAY