CSU Fullerton
Physical Master Plan
Campus Forum
April 10th 2019
Agenda

• Problem Statement
• Process
• Campus Now
• Campus Next
• Wrap-up / Next Steps
Problem Statement

Future of Education
Improve Graduation Rates
Problem Based Learning
Research
Cross-Discipline Collaboration
Student/ Professional Interaction
Community Support/ Connection
Process: Schedule/Activity Overview

**INFORMATION GATHERING**
- Process
- Schedule
- Student FTE Strategy
- CSUF Provide Existing Building & Infrastructure Plans, Student FTE
- Architect Review Existing Documents
- Architect Tour Document
- CSUF Planning Team Communicate Process to Campus Participants
- Establish Campus Master Plan Website

**VISION GOALS**
- Define Institutional Measures of Success
- Review Enrollment Projections (by mileage)
- Vision
- Goals

**PLANNING PREVIEW**
- Identify Campus Opportunities
- Identify Campus Challenges & Deficiencies
- Key Decision Points
- Goals

**STUDENT FTE & SPACE PROGRAM**
- Near-Term FTE
- Long-Term FTE
- Existing Campus Implications
- Program Locations & Adjacencies
- Departmental Organization
- Inter-departmental Relationships
- Existing Building Conditions

**GAP ANALYSIS**
- Program Growth
- Headcount Growth
- Space Types
- Key Adjacencies

**PRELIMINARY OPTIONS**
- 2-3 Preliminary Campus Plan Concepts
- Near-Term Existing Building Utilization
- Long-Term Program Distribution
- Campus Boundary & Expansion
- Building Locations, Massing, Scale
- Open Space and Amenities
- Circulation, Parking, Service
- Pedestrian Networks
- Campus Edges & Connections

**PREFERRED OPTION**
- Single, Preferred Campus Plan
- Detailed Campus Plan
- Building Concept Plans
- Transportation Plan
- EIR Coordination
- Review Meetings

**DOCUMENT DRAFT & FINAL**
- 1st Draft Master Plan Document
- CSUF Review
- 2nd Draft Master Plan Document
- CSUF Review
- Final Master Plan Document

Flad Architects/ WRT Design/ Mode Associates/ AEI Affiliated Engineers/ KPFF Consulting Engineers/ Nelson Nygaard/ Atelier Ten/ Directional Logic
<table>
<thead>
<tr>
<th>ACADEMIC YEAR</th>
<th>FTES</th>
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<tr>
<td>Year 1</td>
<td>20K</td>
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<td>Year 3</td>
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<tr>
<td>Year 5</td>
<td>10K</td>
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<td>Year 6 +</td>
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Campus Now: State of Student Population

Graduation
Campus Now: Enrollment and Space Entitlements

Area Demand
Area includes lecture, lab, graduate & faculty offices, shops, & other instruction
Campus Now: Graduation Initiative

Graduation/Retention Rates for First-time Full-time Freshman Cohorts

<table>
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<tr>
<th>Cohort</th>
<th>Number of Students</th>
<th>Avg. HS GPA</th>
<th>Retained after 1 Yr</th>
<th>Retained after 2 Yrs</th>
<th>Retained after 3 Yrs</th>
<th>Grad in 4 Yrs or Less</th>
<th>Grad in 5 Yrs or Less</th>
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<td>2,657</td>
<td>3.18</td>
<td>79.7%</td>
<td>70.0%</td>
<td>64.7%</td>
<td>14.3%</td>
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<td>80.1%</td>
<td>70.1%</td>
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<td>66.1%</td>
<td>15.5%</td>
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**NOTES:**
- Number of Students in cohort less than 15 show as * in the table above.
- Multi-race ethnicity category did not exist prior to fall 2009.
## Campus Now: Existing Facility Conditions

<table>
<thead>
<tr>
<th>Building Condition</th>
<th>FCNI Score*</th>
<th>Color</th>
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<tr>
<td>Excellent</td>
<td>&lt; 0.10</td>
<td>Green</td>
</tr>
<tr>
<td>Good</td>
<td>&lt; 0.20</td>
<td>Blue</td>
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<tr>
<td>Fair</td>
<td>&lt; 0.30</td>
<td>Yellow</td>
</tr>
<tr>
<td>Below Average</td>
<td>&lt; 0.50</td>
<td>Orange</td>
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<tr>
<td>Poor</td>
<td>&lt; 0.60</td>
<td>Red</td>
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<tr>
<td>Replace</td>
<td>&gt;= 0.60</td>
<td>Red</td>
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<tr>
<td>No Assessment</td>
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</table>

*FCNI = Facilities Renewal Needs Current Replacement Value

[Map of Campus Facilities with Building Condition Ratings]
Campus Now: Existing Facility Conditions

- Complete Facility Replacement Indicated (Ranked below Poor)
- Buildings with low FAR
- Proposed Program Replacement
Campus Now: Site Opportunities and Challenges

ENERGY
• TOTAL ENERGY CONSUMPTION 36.5 million kWh
• APPROX 56 acres of PV FOR ZERO NET ENERGY
• 24% COVERAGE OF CAMPUS AREA
• SETTING TARGETS FOR ON SITE GENERATION

STORM WATER
• MITIGATE EXISTING FLOODING

TRANSPORTATION
• PARKING CAPACITY
• TRANSIT HUB (OPEN AIR vs STRUCTURE)
Community Context

EDUCATION
RESIDENTIAL
COMMERCIAL
CAMPUS
HIGHWAY
RAILROAD
TRAIN STATION

Downtown
Fullerton

CSUF
Campus Now: Dining/Food/Coffee

Nights and Weekends

Weekdays

3 Miles to Downtown Fullerton

½ Mile to St. College and Chapman

Flad Architects/ WRT Design/ Mode Associates/ AEI Affiliated Engineers/ KPFF Consulting Engineers/ Nelson Nygaard/ Atelier Ten/ Directional Logic
Campus Now: Amenities

Nights and Weekends

Weekdays
Campus Now: 2003 Executed Master Plan Projects

- Titan Student Union Expansion
- University Police
- Student Recreation Center
- Children’s Center
- Fullerton Arboretum Visitor Center
- Student Housing
- Gastronome
- Eastside Parking Structure
- Mihaylo College of Business and Economics
Campus Now: Current Planning/Construction Activities

- Promenade Project
- Parking structure
- Arts complex
- Athletic Field House
- Feasibility study for Engineering
- McCarthy Hall Renovation
- Benchmarking/Market Studies
Campus Now to Campus Next: Considerations

from Now… to NEXT
Campus Next: Criteria for Success

- Connections
- Values
- Learning
- Activation
- Identity
Campus Next: Proposed Strategies

Quantitative and Qualitative Strategies

• Growth (@ 1%)  
• New Initiatives (Innovation Hub)  
• Campus Life (Event Center)  
• Mobility  
• Connections to Buildings and Landscape  
• Activation of Exterior Spaces  
• Learning Opportunities Everywhere  
• Student Life ON Campus
1. What is the desired FTES master plan ceiling by 2030?
   Aim to achieve an FTES ceiling of 32,000 of on-campus lab and lecture at the appropriate date based on 1% growth rate.
   (a 2% growth rate is being used for the academic year 2019/20)

2. In what Colleges (and Disciplines) are growth or contraction planned through 2030?
   Assume even growth rate across all Colleges.
Campus Next: CSU Total FTES

- Current FTES: 28,937
- Projected FTES: 32K
- Growth rate: 2% per annum for 2019/2020 academic year
- Target FTES: 2027/2028
Campus Next: On-Campus Instructional Growth

TIME FTES*

*Annualized main campus enrollment for lab and lecture

25,400
25K
32K

2% growth for 2019/2020 academic year

Growth @ 1% per annum

2039

Master Plan Ceiling
Today
Programmatic Actions in the Master Plan to Support Student Success

- Housing
- Food and Amenities
- Informal Learning Spaces
- Research and Innovation Spaces
- Active Learning Spaces
- Arboretum Connection
1. Does the University wish to emphasize interdisciplinary pedagogy through problem based learning in its future while still maintaining college and departmental identity?
   Yes. Additionally promote informal learning space types.

2. Does the University wish to promote itself as a place of research and innovation that takes aim at the Grand Challenges we face in the future?
   Yes. Growth in Engineering in most pressing based on enrollment entitlement.

3. Shall the addition of an Innovation Hub or non-academic facilities be considered in the master plan development?
   Include an Innovation Hub, and an Event Center that will replace the current gym (Kinesiology and Health Sciences)
1. Shall the addition of housing be considered in the master plan development, and if so shall it consider student and faculty accommodation?
   Yes to both. Consider growth in 1,500 bed increments.

2. Does the campus intend to implement programs to significantly address graduation rates, including implementing significant expansion of on-campus housing?
   Yes, through Graduation Initiative 2025.
Campus Next: CSU Projected Housing Capacity

5% of Headcount
Campus Next: Framework Considerations

Existing Building Footprints

Available Areas to Accept Growth

- Currently Available (Surface Parking and Open Space)
- Available after removing facilities in poor condition
- Available after program replacement of one story buildings
Campus Next: Development Density

1 TO 2 FLOORS

4 TO 6 FLOORS

8 TO 10 FLOORS
Student Success

- Distributed food and amenities
  - Informal learning/collaboration space
  - Meeting/hang out locations
  - Spaces to be 24/7 accessible
  - Technology rich environment
Open Space Framework

**Historic Loop**
- Multi-use circulation loop: bikes, pedestrains, skateboards and carts
- Connecting all parts of the campus
- Creating an intimate inner core
- Active recreational loop
- Bio-diversity and ecology

**Campus Axis**
- Pedestrian priority paths
- Direct connections between major uses: academic, library, transit, parking etc
- Paths with notable identity and character
- Well lit at nights and evenings
- Clear way finding elements

**Campus Entry**
- Aspirational symbol for students
- Creating inclusive campus presence with surrounding community
- Well marked and inviting perimeter
- Encouraging safety and security
- Opportunity sites for public art

**Front Porch**
- Front door of academic program
- Smaller intimate spaces
- Extension of ground floor amenity spaces
- Gathering spaces for students and faculty
- Outdoor study areas

**Outdoor Study Area**
- Fully equipped study areas spread around campus: tables, power outlets and hot spots
- Combination of quite contemplative study zones to interactive group study areas
- Connecting students to their natural environment
- Fostering 24/7 campus life

**Innovation Yard**
- Compliment innovation hub programs
- Flexible space for creativity
- Outdoor maker’s space
- Fostering interdisciplinary interaction
1. Shall the development of master plan options include consideration of the relationship between the arboretum and its physical relationship to campus?
   Yes, and review development options within the arboretum, considering CEQA implications.

2. What are the conditions of the lease and ownership structure that would need to change to modify the boundaries of the arboretum to make access improvements?
   In 2020 the JPA ends and the arboretum will return to the campus.
Campus Next: Framework - Arboretum

- Existing entrance to arboretum
- Proposed entrance to arboretum
- Proposed green loop
- Campus gateway
- Main axis
- Pedestrian connection
- Transit hubs
Campus Next: Near-Term Opportunities

HISTORIC LOOP PORTALS

- Proposed green loop
- Campus gateway
- Main axis
- Pedestrian connection
- Transit hubs
- Program Opportunities associated with respective portals
Campus Next: Scenarios (testing ideas)
Campus Next: We are here to collect your input!
Wrap-Up and Next Steps

**Master Plan Framework Options**

- Forum – April 10th - TODAY!

**Single Master Plan Framework**

- Late April – Task Force Committee
- Early May – Cabinet
- Office of the Chancellor
- REPORT
- Board of Trustee Review