



California State Polytechnic University, Pomona
Master Plan Update

President's Cabinet Update



22 January 2018



AGENDA

President's Cabinet Executive Committee

Update on Process/Progress

- Progress + Campus communications
- Fall Conference
- Workshop #1
 - Advisory Committee Visioning exercise
 - Open Session stakeholder input
 - Provost + Deans on MP-SP-AP nexus

Overview of Workshop #2

- Connectivity, Circulation, Transportation
- Landscape, Open Space
- Sustainability
- Space Analytics: Instructional Space Utilization

Look Ahead to Workshop #3

Engagement beyond the Campus?

Discussion

22 January, 2018 - 9 am

MASTER PLAN GOAL

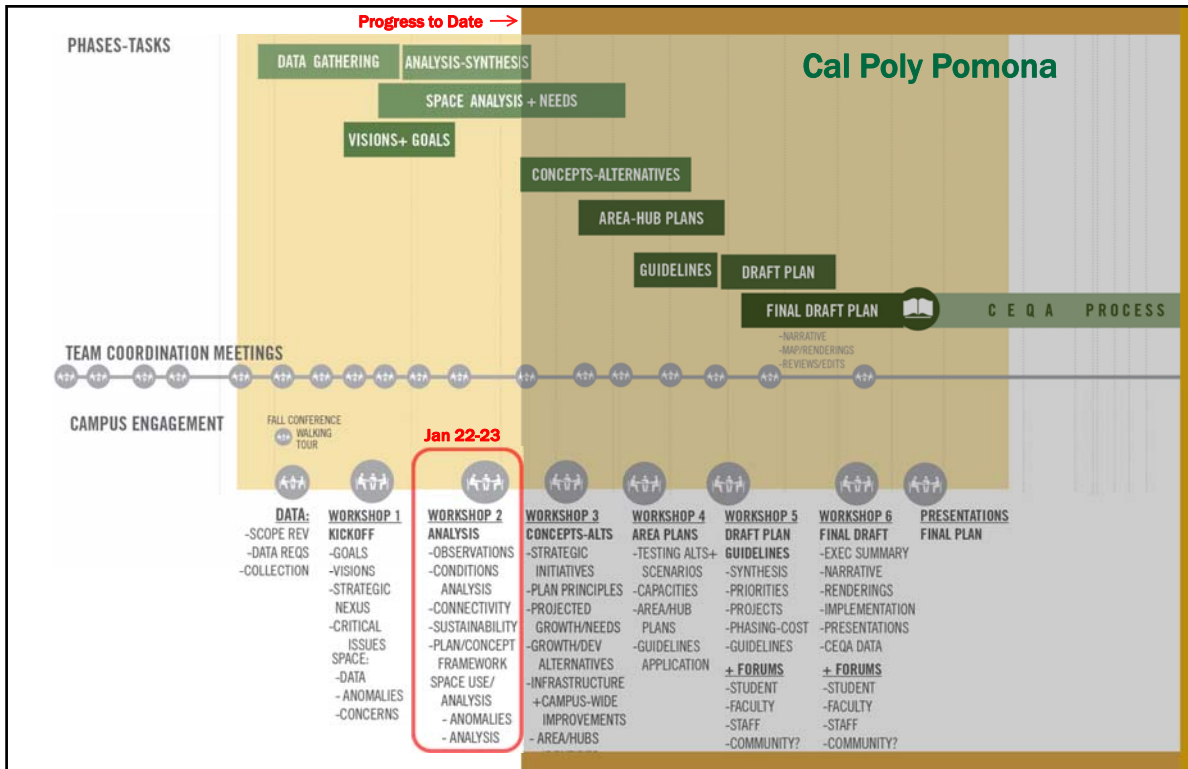
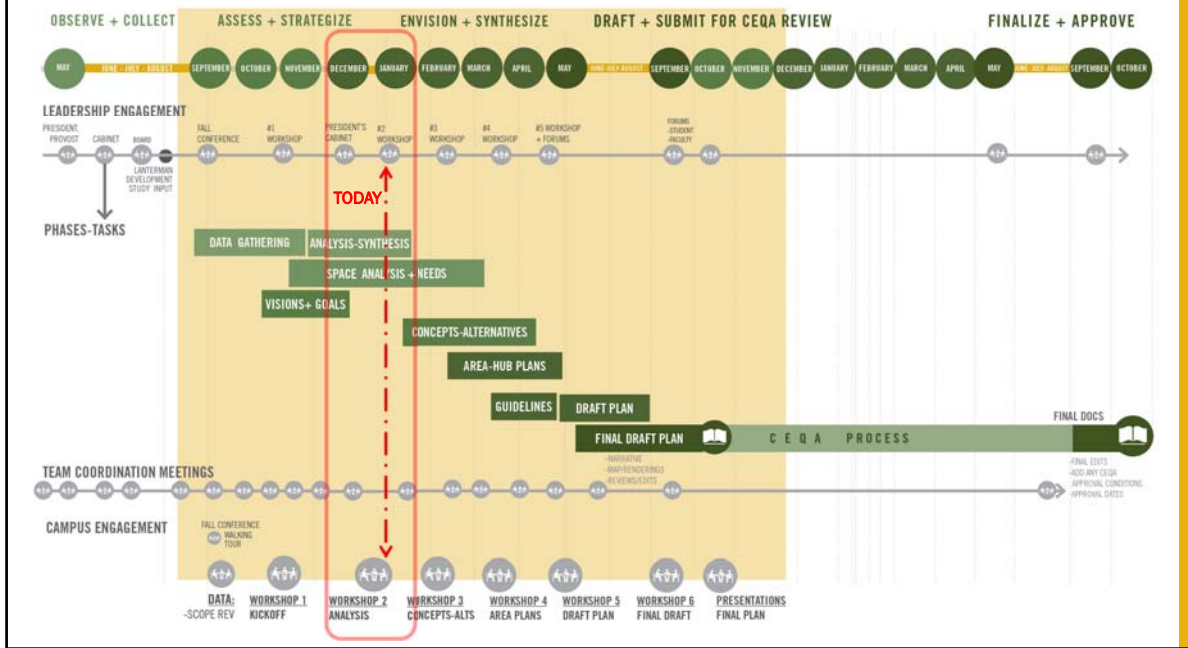
The 2018 Cal Poly Pomona Master Plan Update will be comprehensive, broad, and intentional about furthering Cal Poly Pomona's place in the future of the country.

CPP Campus Master Plan Website

LAUNCHED!

The screenshot displays the website's layout. The main header reads 'CAL POLY POMONA'. A navigation menu on the left includes 'Campus Master Plan 2018', 'Committee', 'Stakeholder Meetings', 'Open Workshops', and 'Contact'. The central content area features a large image titled 'Planning our Future' with a video player overlay. Below the image is the 'Campus Master Plan Process' section, which includes introductory text and a 'Master Plan' button. To the right, there are two overlapping panels: 'Workshop Archives' and 'Advisory Committee Meetings', both listing various events and dates. At the bottom left, the URL <https://www.cpp.edu/~fpm/planning-design-construction/master-plan-2018> is provided.

Project Timeline – Fall 2017 to Fall 2018



Update on Process/Progress

Fall Conference (summary see PDF notes)

- 1) **30-min Presentation with Q/A**
 - 65 attendees signed-in
 - over 100 participated in the exercises
- 2) **Open Forum/Activities:**
 - *Big Picture Priorities (post-its)*
 - *SWOT Dot Maps*
 - *Sustainability Table Topic*
 - *Space Analytics Demonstration*
- 3) **Campus Walk**
 - over a dozen walked with the planning team



Q+A , Discussion

italics = team responses to questions

- o **What's the update on the Lanterman Property?**
 - Campus South – <http://www.cpp.edu/~lanterman/>
 - Feasibility Study, Due Diligence, Summary of Findings June 2017 complete; RFQ for Master Developer issued, responses due October 2017
- o **Will the master planners be on campus enough to understand us?**
 - need to see campus at night, during rain, stormy weather – *yes, agreed!!*
 - understand topography, view lines, accessibility challenges – *walk with us today!*
 - involve our diverse faculty and students – *that's our intention!*
 - don't forget to include the Kellogg Foundation, their support is critical
- o **How does this effort relate to 2012 planning? past master plans?**
 - 2002 is the official 'master plan', 2012 wasn't adopted but extensive data gathering and analysis was done which will be utilized and updated to 2017-18 conditions
 - sustainability goals and progress should be maintained – *agreed!*
- o **Master plan should support using the campus as a resource**
 - Campus as a living laboratory
 - Use the land for teaching, study
 - Multi-use trails, connect to off-campus regional trails, community use; hills are opportunities, outdoor skills course for bikes, climbing
 - Students would love to participate in the design and building
 - Align with mission /vision - 'placemaking' with inclusion, embrace diversity
 - More focus on the Arts, on S.T.E.A.M (not only STEM)
 - Connected and interdisciplinary, with places and 'moments' for collaboration
 - Make innovation more visible (support Cal Poly brand)
- o **Planning analysis and projections for classrooms, space needs, parking should consider GHG and Net-Zero goals for sustainability**
 - *Agreed – the most sustainable building is the one you don't build!*
 - *space utilization analysis seeks to optimize efficient use of resources*
 - *parking analysis will include counts for utilization analysis and demand management strategies will be recommended to support sustainability goals (and keep costs down)*

Exercise Big Picture Priorities

	Quality facilities supporting dynamic instruction and active learning	Attracting and retaining top quality faculty and staff	Increasing enrollment, persistence, retention and student success	Wild Card!	Optimizing alignment, and utilization between programs and facilities	Engaging Identifiable Campus, Civic, Student and Community Spaces	Campus Orientation for Students and Visitors to Enhance Wayfinding	Meeting community, educational goals, needs, market demand	Invest in student life and engagement, housing, rec, student resources, collaboration	Expanding degree/program offerings
Respondent										
TOTAL VOTES	103	65	65	61	57	43	39	37	27	13
Percent	20%	13%	13%	12%	11%	8%	8%	7%	5%	3%

Priority ranking aligned closely with the results of this exercise with the President's Cabinet in June 2017.....except for the Wildcards



#4 WILD CARDS:

- *Visibility of Artwork on campus*
- *Visibility of Student Work*
- *Demonstrate Sustainability*
- *Improve Access for Bikes*
- *Creation of Transit Hub/Stop*

EXERCISE: Cal Poly Pomona's Well Aligned Priorities

President's Conference

1. Attracting/retaining top quality faculty/staff
2. Campus encourages collaboration, gathering hubs, crossroads
3. Increasing enrollment, persistence, retention, student success
4. Quality facilities supporting active learning
5. Optimizing alignment between programs and facilities

Fall Conference

1. Quality facilities supporting active learning
2. Attracting/retaining top quality faculty/staff
3. Increasing enrollment, persistence, retention, student success
4. Wild Card!
5. Optimizing alignment between programs and facilities

Exercise SWOT Dot Maps



Exercise: Synthesis

Campus love... ●

- university quad, open space, plazas
- views, natural areas, courtyards
- special places: Japanese Garden, gardens, Kellogg Arabian Center, Lyle Center, Ag Valley Drive and agricultural fields, orchards
- sustainable campus

Improve.... ●

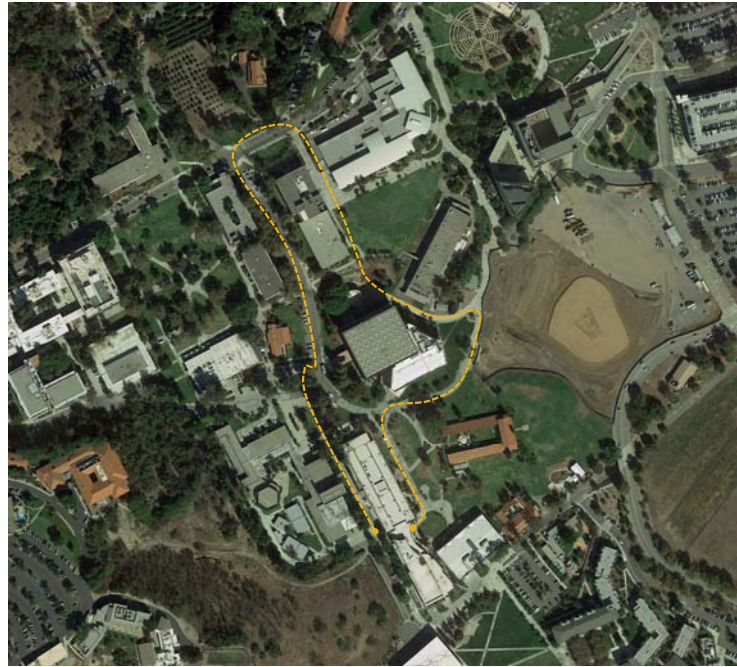
- bike lanes, transit access, pedestrian safety, street crossings, sidewalks, accessibility, lighting, signage/wayfinding, drop-off areas for destinations
- pedestrian mall + University Park
- sustainability: building materials, solar shading of parking, storm water runoff (capture, recycle water)
- art, galleries, sculpture garden

Specific Improvements

- BSS update; structural testing lab; classrooms in Bldg 2, 4, 7; relocate Student Health Center, Children's Center



update: Campus Tour



update: What we heard walking

- Use pavers to guide people to special areas of the campus
- Improve lighting throughout to improve safety
- Create an Arts District Hub
- Convert Olive Street into a pedestrian mall
- Improve old Library entrance (unused bridge, sometimes a food truck location), maybe convert library moat into a usable seating area that opens up into the building
- Service vehicles are often parked or driving in major pedestrian ways, challenge to the visually impaired
- Increase activity + visibility into buildings along major pedestrian malls and around open spaces
- The small seating areas scattered throughout campus are well used, seen as a positive attribute
- The areas of campus that are focused on nature are seen as an asset, and would benefit from better access and connectivity (ie. Voorhis Ecological Preserve)
- Engineering Meadow is a large open space, but could use better pedestrian connectivity and more activity to activate the space
- Tour participants were unsure of new circulation patterns once the Student Services Building opens

Update on Process/Progress

Workshop #1: Advisory Committee Kick-off

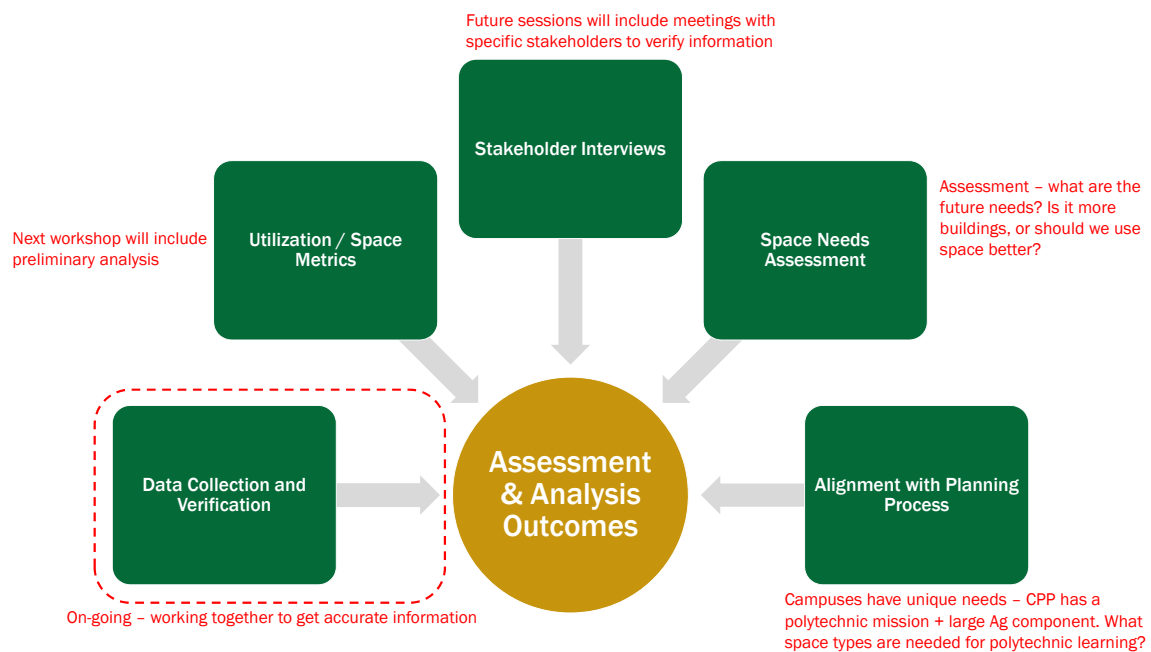
AGENDA

- Introductions
- Master Planning Process
- Campus Master Goals + Priorities
 - discussion of Priorities Exercises
 - Visioning Exercise w/ discussion
- Fall Conference Input (Issues, Opportunities)
- Workshop Open Session Overview
- Q+A, Next Steps

DISCUSSION:

- **Communications?** website will be live in next 2 wks, presentations posted
- **How does master plan coordinate with South Campus (Lanterman) planning?**
RFQ has been issued to seek a master developer to lead the South Campus planning and development. The master plan will align the plans eventually, but they aren't necessarily on the same timeline. The master plan has to be comprehensive and unite the campus, no matter what the South campus future uses might be (it is not two separate campuses).
- **How are we dealing with the quarter/semester/online shift?**
Space analysis will create a picture of current conditions, including classroom scheduling and utilization. This will inform discussion of instructional space resources and current needs. The semester schedules have been created and can be considered in space needs assessment (and to some extent modeled to demonstrate space impacts). CPP is also implementing new scheduling software in the next year or so and that may provide new challenges and opportunities to better coordinate and manage space, including use beyond scheduled courses

Components of the Space Study



ADVISORY COMMITTEE EXERCISE: Visions for the Future

- 1) What physical transformations do you want to see?
- 2) What improvements could enhance the student experience?
- 3) What should campus do/change to be better prepared for the next 10+ years?

Looking further into the future....

- 4) How do you envision the campus in 20+ years?

EXERCISE: Visioning Questions

Advisory Committee Responses-Discussion

1. What physical transformations do you want to see? *summarized themes - see PDF for all responses*

- **More + Improved Connectivity:** improve experience of coming to campus; improve connections to regional transit, metro-link rail w/transit hub on/near campus; conveniently located, safe, well lit bus shelters w/shade; multi-modal campus transportation options (bus, shuttles, bike paths); routes which make it easy to move around campus and with more remote areas (south campus, Lyle Center, Design Studio, etc.).
- **Pedestrian, Bike and Board Friendly:** more pedestrian-only accessible walkways, incl under/over roadways; more dedicated bike paths; wider, safer campus roads; good lighting, safe, secure; signage/wayfinding; improve space between buildings ;
- **Visibly Active, Engaged/Engaging:** feels like a fully engaged, active campus; see student work, collaboration space, activity areas; more community oriented evening/weekend events, food and retail on campus edge or close by
- **Hubs for Collaboration:** academic hubs to enhance collaboration & multi-disciplinary engagement/synergies; faculty + staff hubs to share how they teach, work, to collaborate, to socialize;
- **Improved Outdoor Space:** more outdoor shaded space; trees provide best natural shading; can be creative about providing shade options; also provide seating, WiFi, power, space for a group to gather/meet
- **Retained Open Space:** retain permanent open space even while campus grows and develops; fewer surface parking lots; more housing; some concerns about how much growth can or should be accommodated
- **Sustainable Development:** more electric car charging stations, solar power (shade parking); existing buildings repurposed, made earthquake proof, not just demolished;

EXERCISE: Visioning Questions

Advisory Committee Responses-Discussion

2. What improvements could enhance the student experience? *summarized themes (all responses follow)*

- **Bronco Student Center should be updated**, expanded, more student focused, more space to hang out, to destress (*nap rooms, meditation room*), also more dining options
- **More space for student organizations**, clubs; this is the way that students get involved, especially commuters, helps them to stay on campus and feel involved. The visibility/impact of these groups can be hard to detect, students participating in campus activities should be more visible
- **Provide 24/7 student work-study space and resources**; virtualizing the help desk; providing more 24/7 service opportunities (in process). We ask the students to learn 24/7, but do we provide the services to do so?
- **All majors need spaces for working together** – studio environments, collaborative spaces that are highly visible; multi-disciplinary flexible lab spaces; spaces for hands-on learning, like maker space in the library and BSC; 3D printers for all majors;
- **Greater integration of academic curricular and co-curricular experience** – Rose Bowl float is a great example
- **Live/learn environments**

EXERCISE: Visioning Questions

Advisory Committee Responses-Discussion

3. What should campus do/change to be better prepared for the next 10+ years? *summarized themes (all responses follow)*

- **Resources needed to support student success are changing**. Libraries are transforming to provide resources beyond books/archives; 24/7 student support; enhanced digital experience and resources.
- **Embrace what it means to be a polytechnic university**; first University to be a truly polytechnic in the nation... so what does this mean? Take advantage of resources we have (researchers, academics, etc.); engage with area employers
- **Plan for change** - like autonomous self-driving vehicles; will they require more parking or less parking? staging and pick-up/drop-off areas? what will the CO2 impact be? are they sustainable?
- **Predict how many students can be accommodated**: can come and go (in cars) now and in the future? What is the amount and the type of space needed? How and where to grow? and even ask 'Should we grow?'
- **Engage with surrounding communities**; partner with other agencies like the City of Pomona (many students live downtown); improve connectivity with bike trail connections (LA County Greenway Master Plan for trail along San Jose Floodway), and with transit, Metrolink,
- **Be a model for sustainability success** – Carbon Neutral buildings and campus, infrastructure to support resilience

EXERCISE: Visioning Questions

Advisory Committee Responses-Discussion

4. How do you envision the campus in 20+ years? *summarized themes (all responses follow)*

- **Leaders in Sustainability** – it takes a large commitment from the university to become net-zero energy, and CPP could become a leader among it's peers
- **Improved Transit** – through mass transit, alternative transit options and improved on-campus mobility that emphasize consideration of climate change, convenience for transit users, access to campus from surrounding region, and safety
- **Enhanced Sense of Place** – Improve the overall physical beauty of the campus through landscape, open spaces, and building replacements
- **Enrollment** – responses vary from maintaining existing enrollment to significant growth opportunities
- **Focus on Student Experience** - Transform the campus from a commuter campus to an engaged and vibrant student body and campus experience
- **Embracing Polytechnic** – emphasize learning by doing, improve interdisciplinary education, and student services
- **Expanded Partnerships** – connect to City, industry, and near by educational institutions

Update on Process/Progress

Workshop #1: Open Session

WHAT: MASTER PLANNING WORKSHOP

WHO: All students, faculty, staff are invited

WHEN: Thursday November 9, 9 -11 am

WHERE: Bronco Student Center
Andromeda Suites, #2341-2345

*Are you wondering
about the campus
master plan?*

PLEASE join us in an ongoing conversation about the future of this campus. The master planning process is starting and we want to hear from YOU! The planning team will lead a workshop sharing observations about the campus and engaging in VISIONING for the future.



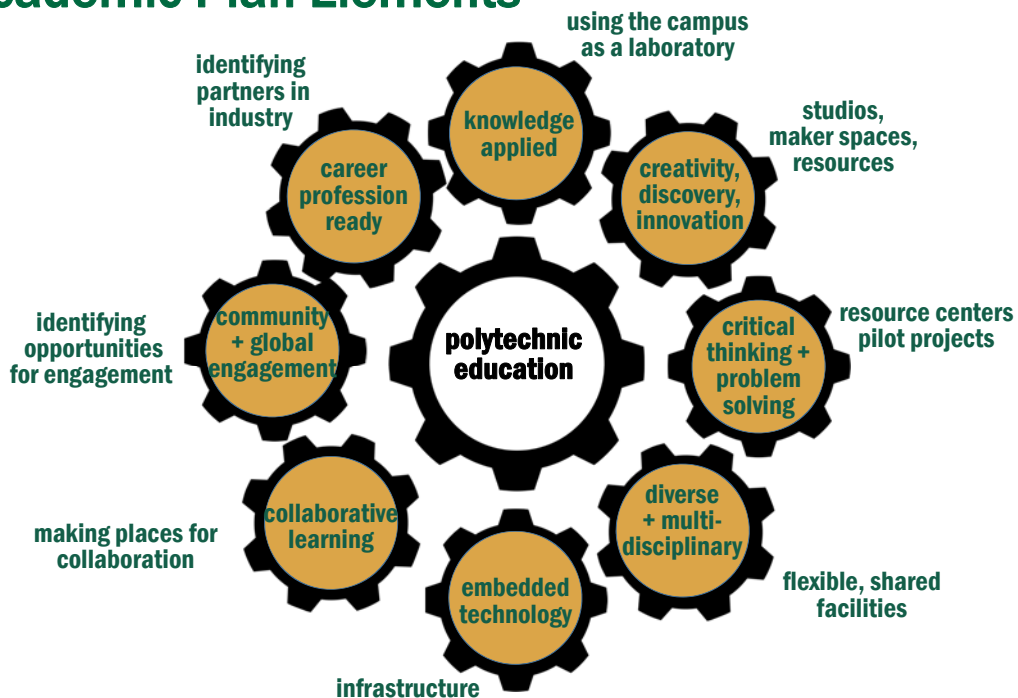
Update on Process/Progress

Workshop #1: Provost + Deans

AGENDA

- Introductions
- Master Planning Process
- Space Analytics Process
- Master Plan- Strategic Plan - Academic Plan Nexus
- Campus Master Goals + Priorities
- Q+A, Discussion
- Next Steps

Academic Plan Elements



Workshop #2

Observations + Analysis *(small sampling follows)*

- **Land Uses**
 - *uses (academic core, student life, athletics, recreation, parking)*
- **Mobility: Pedestrian, Bicycle, Transit, Vehicles**
 - *getting to and from campus*
 - *moving through/around campus*
- **Open Space** - *landscape, tree canopy, features and topography*
- **Sustainability** - *comprehensive approach*

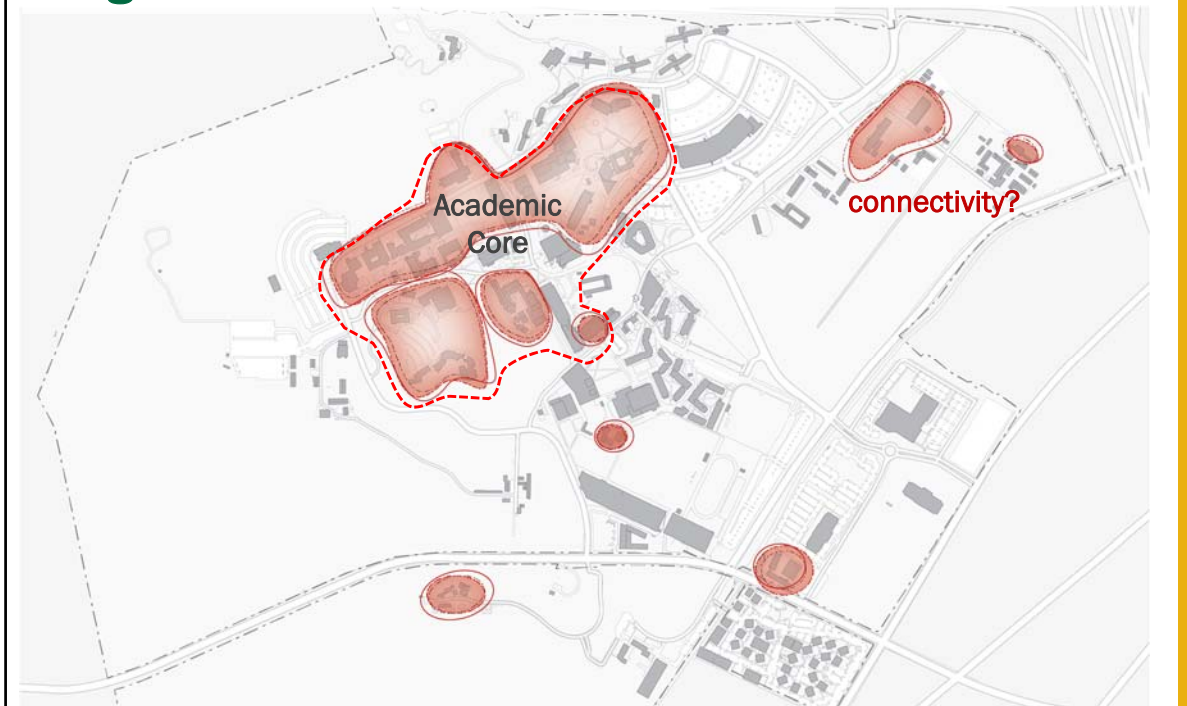
Campus Wide Land Use – Building Uses

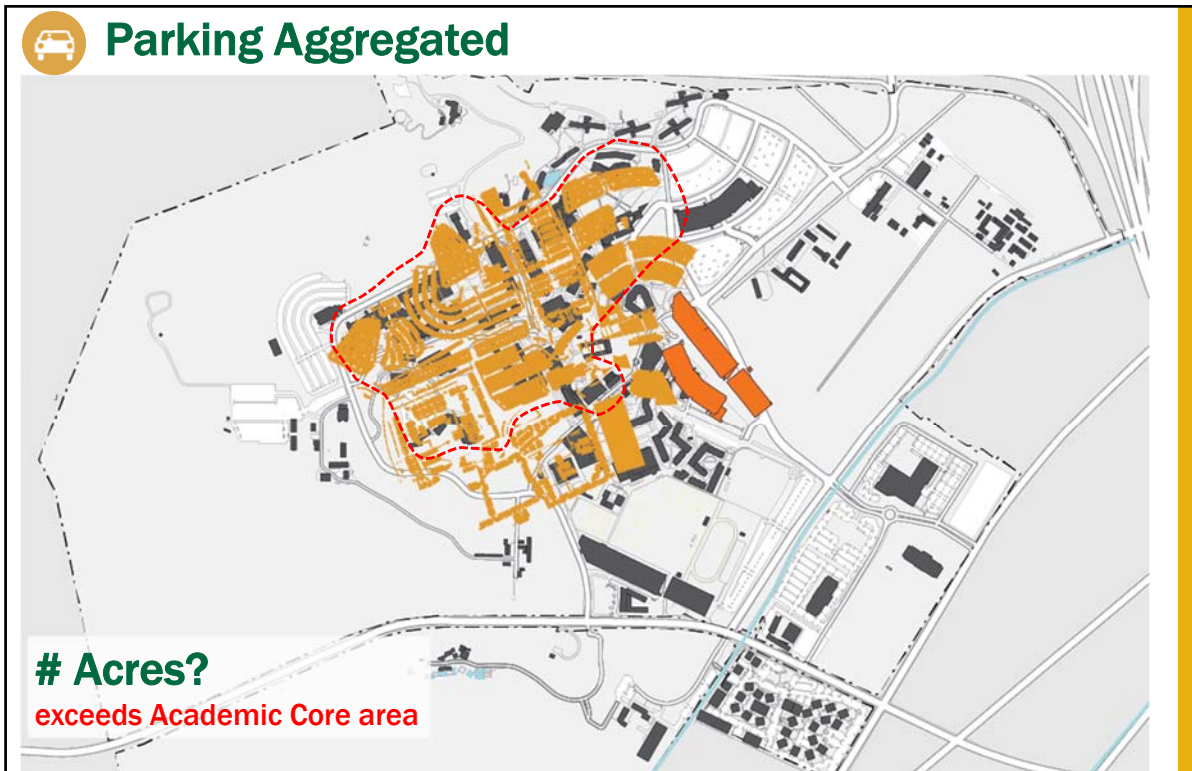
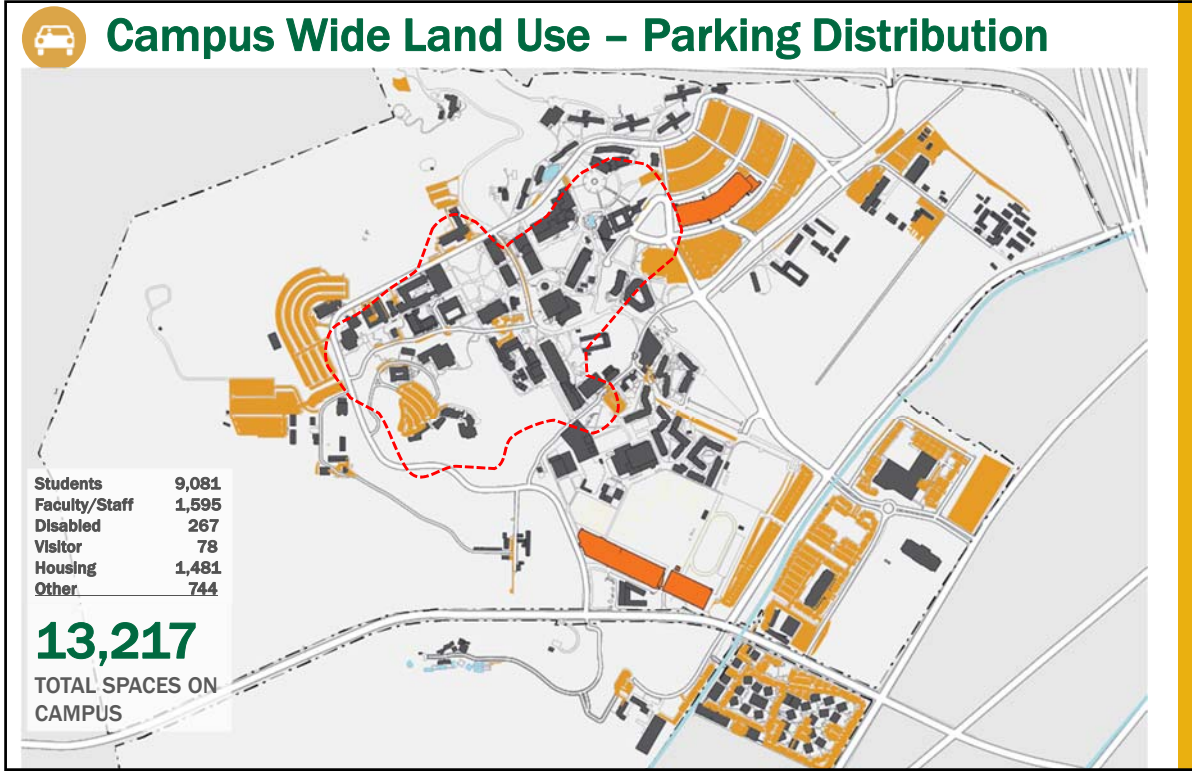


Program Distribution

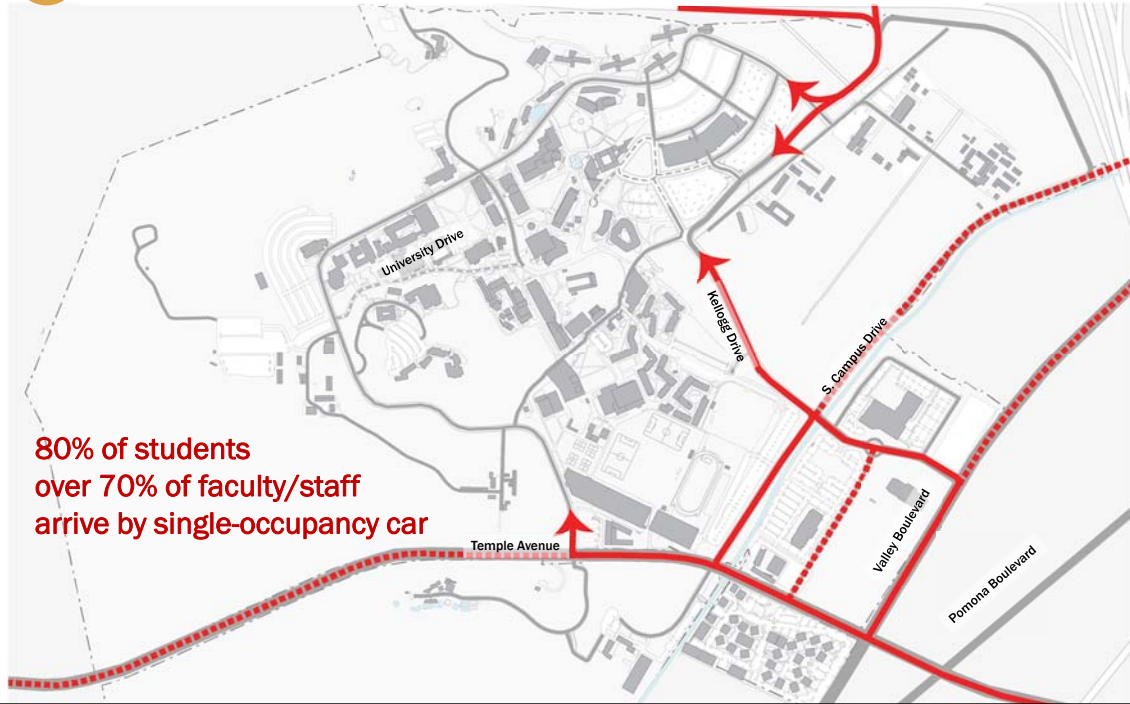


Program Distribution - Academic

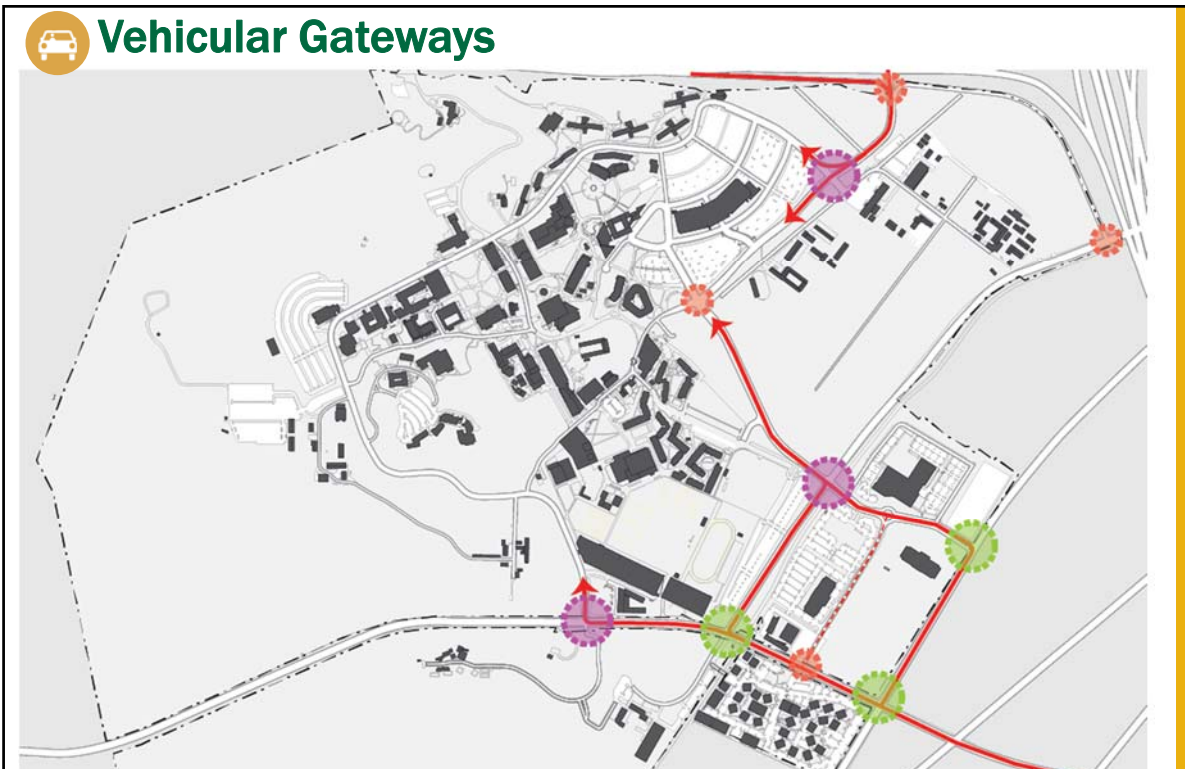


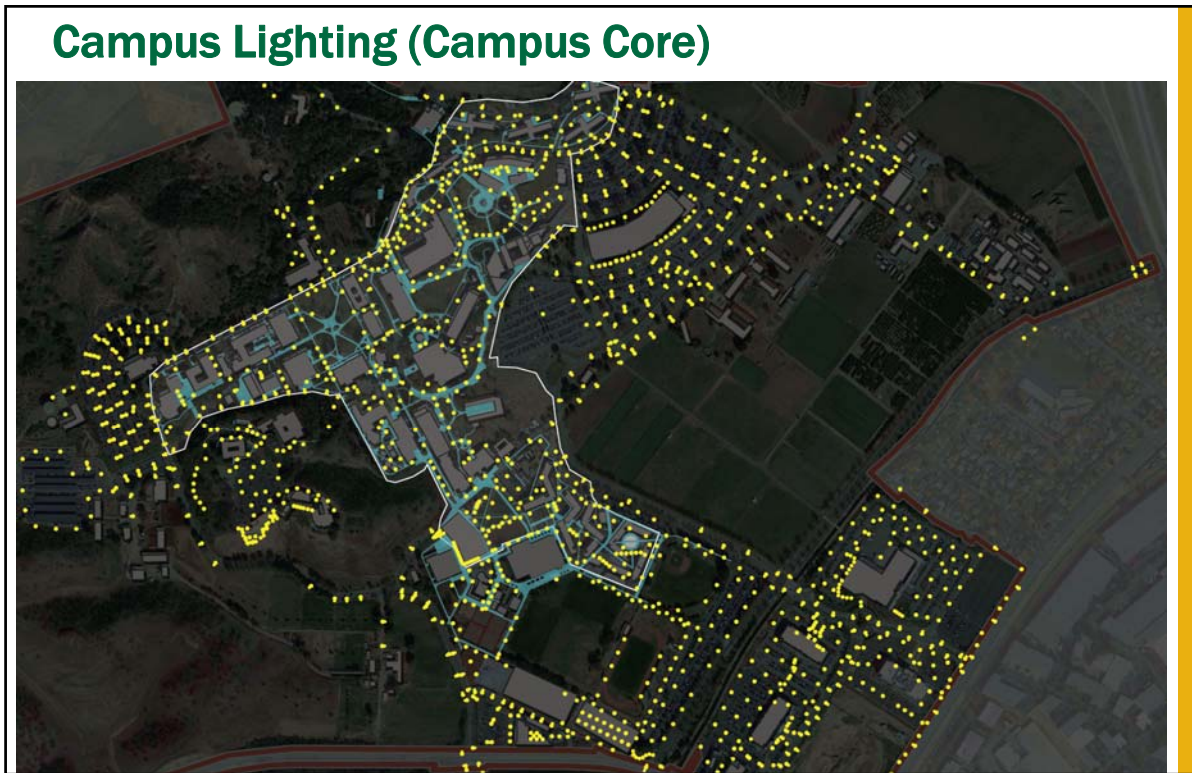
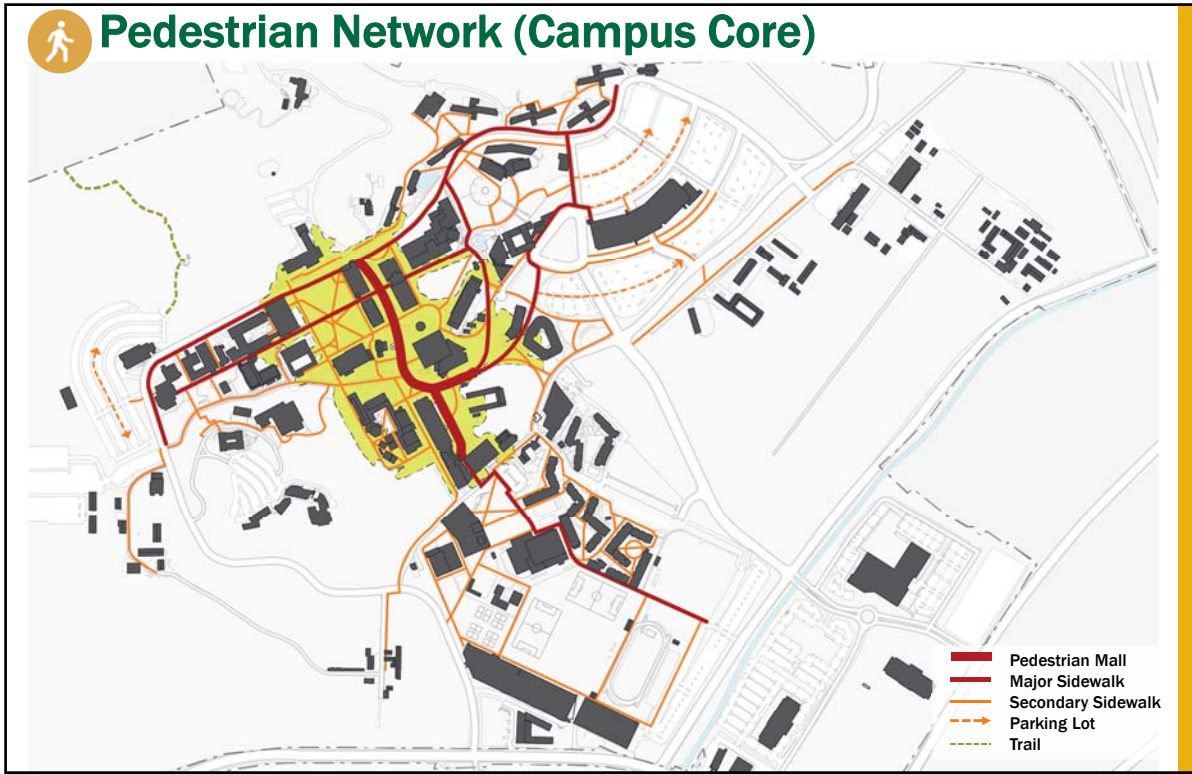


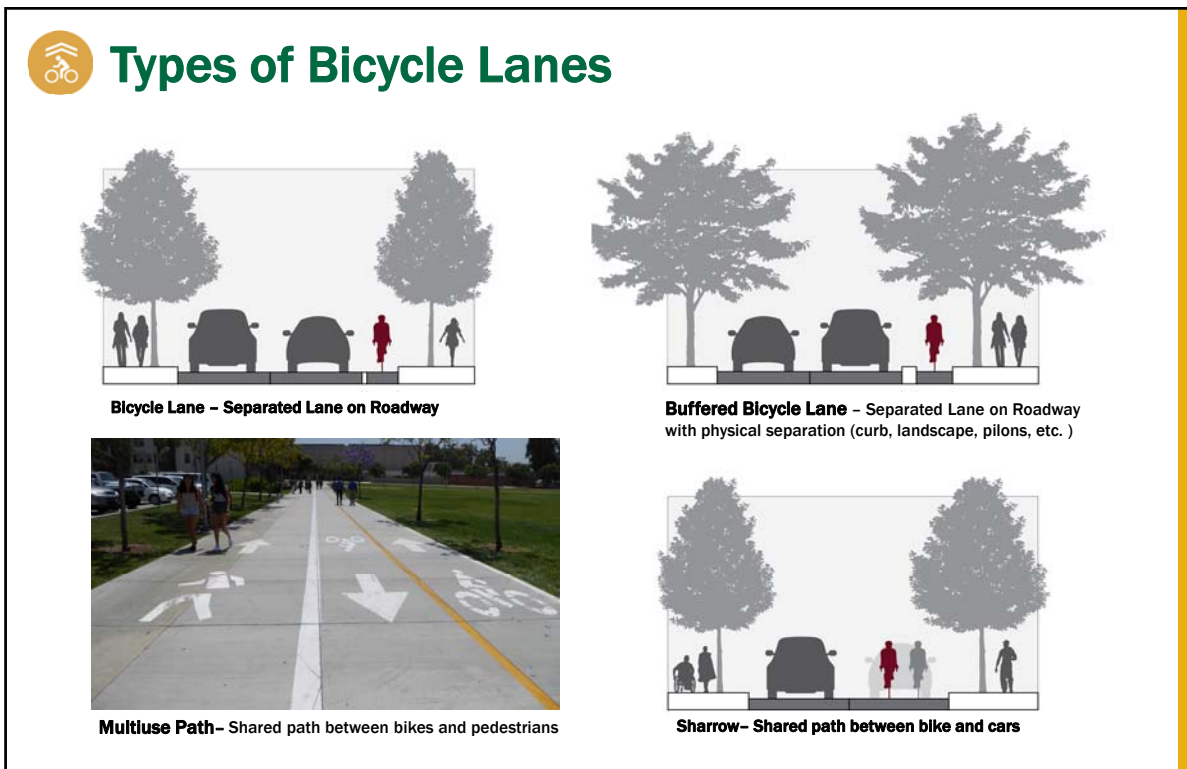
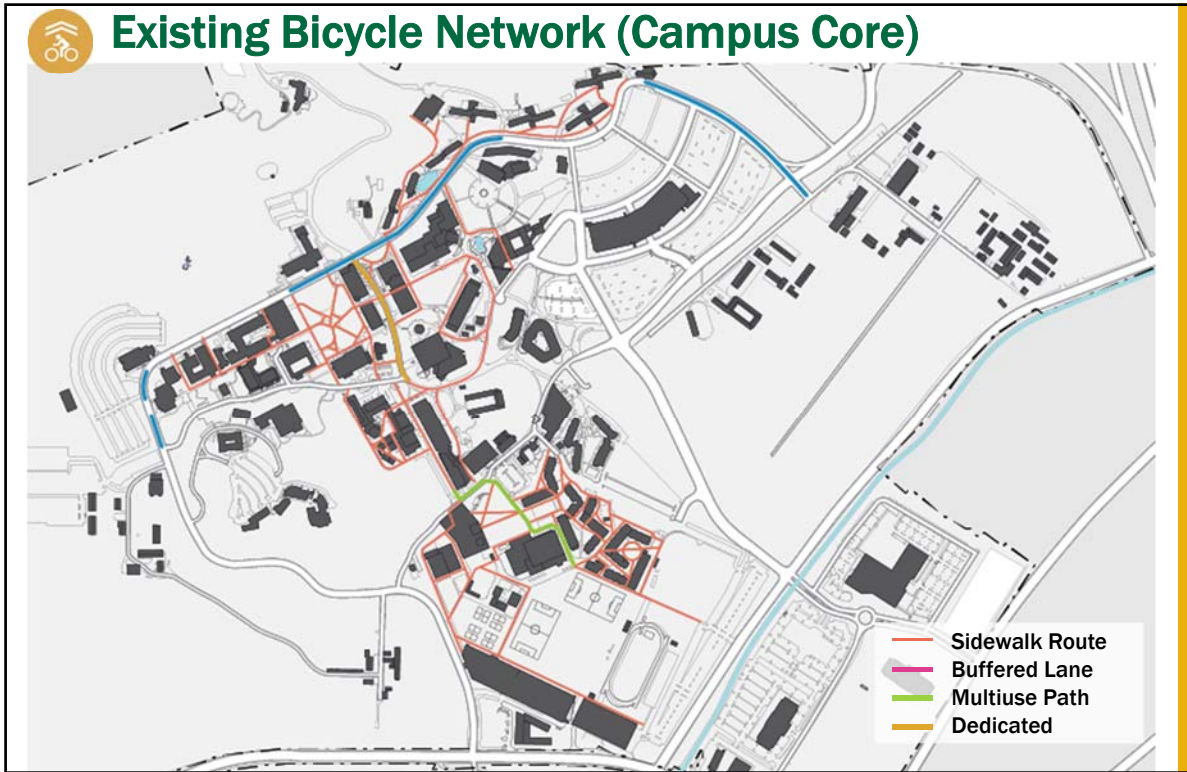
Vehicular Entrances



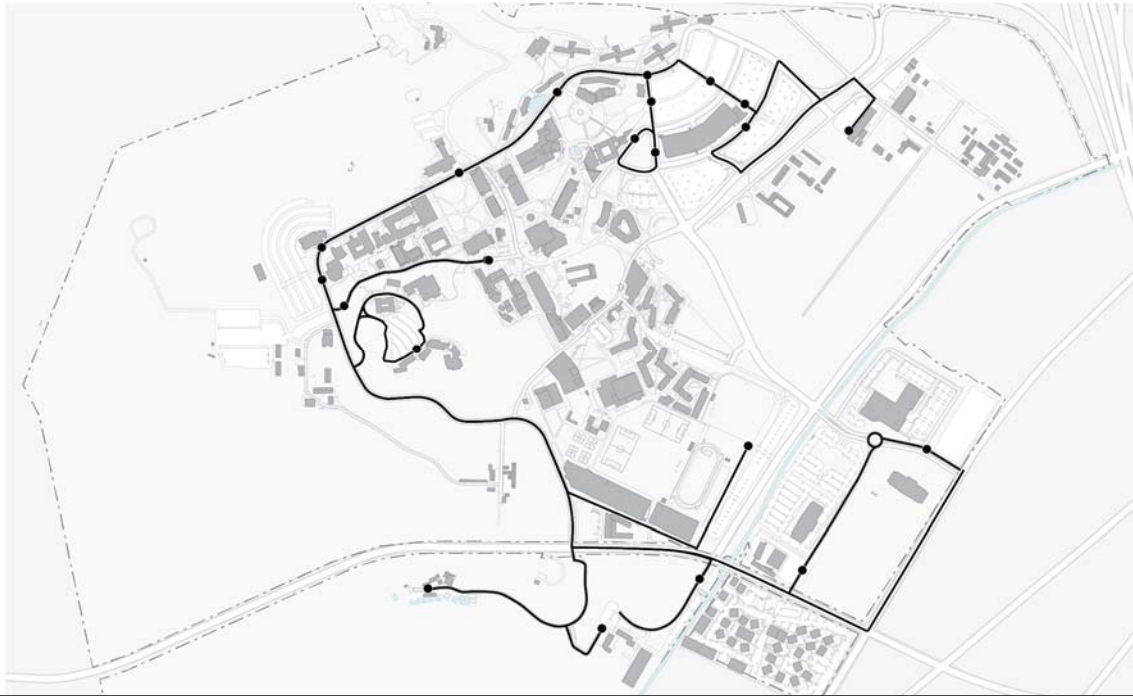
Vehicular Gateways



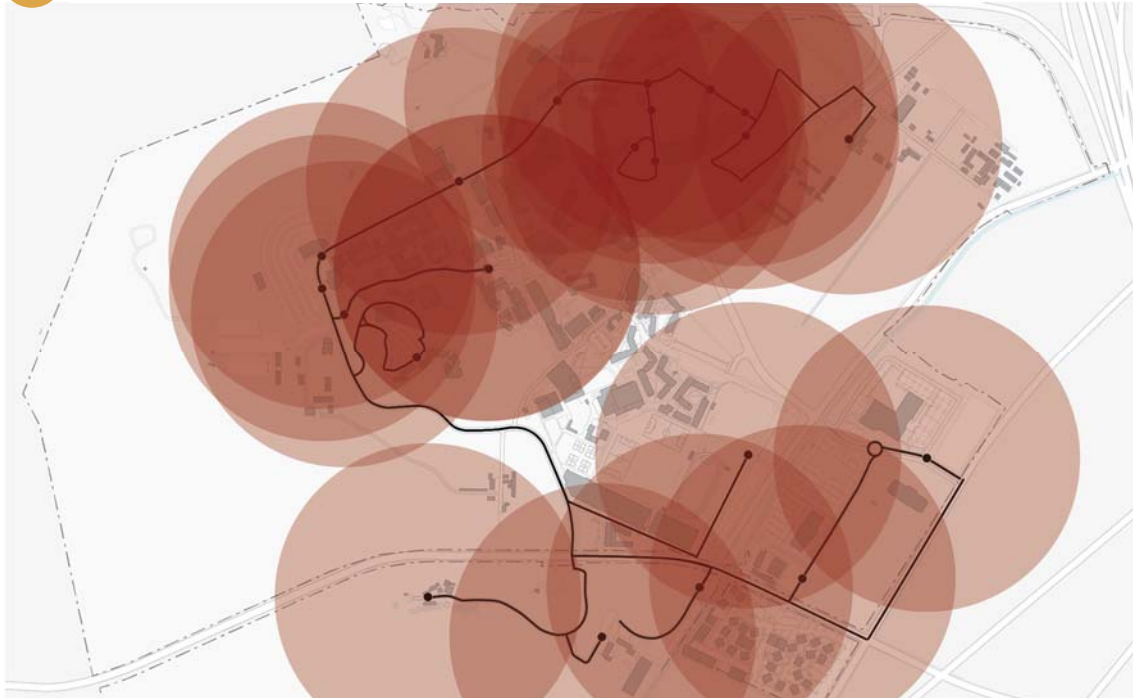




 **Campus Transit - All Routes**



 **Campus Transit Coverage**



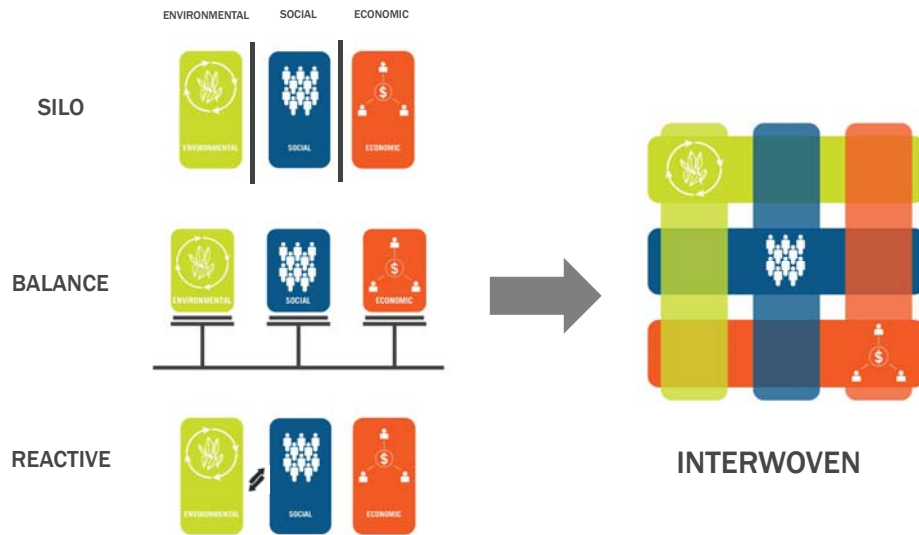
Open Space Typologies



Tree Diagram



Sustainability – Comprehensive Approach

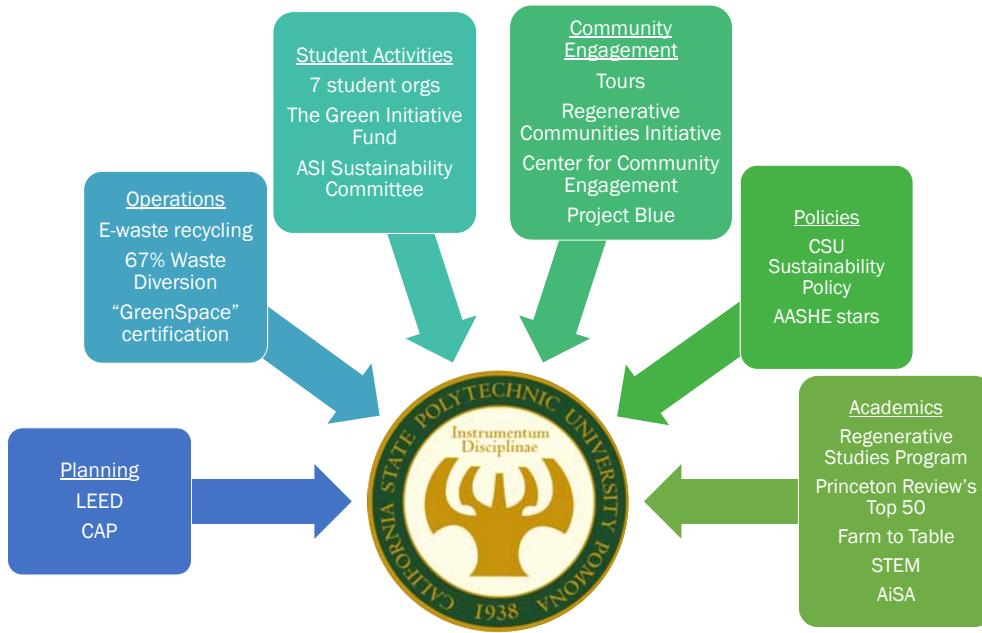


Sustainability – The Big Picture

Cal Poly Pomona Sustainability MISSION STATEMENT

We hope to educate students, faculty, and staff about the various ways of embracing sustainability by incorporating it into the University's **planning, policies, academics, operations, student activities and community engagement.**

Sustainability – The Big Picture



Sustainability – The Big Picture

How does CalPoly Pomona Define Success for Sustainability in 2018?

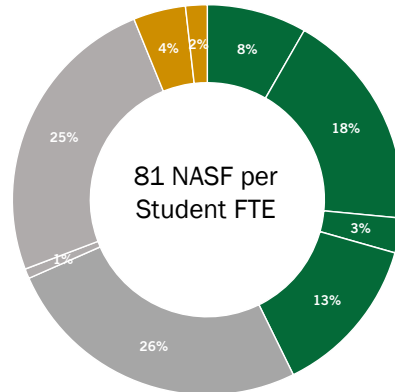
Where are you losing steam?



Space Analytics: Existing Space

- **1,620,081 NASF*** Total
- **Offices at 26% of total space is typical**
- **Instructional Labs at 18% is relatively high** (includes Class and Open Labs) but not surprising for an institution like Cal Poly Pomona
- **Classrooms at 8.2 % is relatively low** but may be offset somewhat by high class lab space
- Significant amount of space is “Other Space”
- 25 buildings contain classrooms/class labs
 - **165 Classrooms with 7,739 seats**
 - **166 Class Laboratories with 3,281 seats**

* net assignable square feet = usable area inside the room



Classrooms	134,074
Instructional Labs	295,404
Research Labs	46,813
Library & Study Space	215,984
Offices	415,908
Physical Plant	13,151
Other Space	399,245
Athletics and Recreation	70,451
Student Space	29,051
TOTAL	1,620,081

AGENDA

President’s Cabinet Executive Committee

Update on Process/Progress

- Progress + Campus communications
- Fall Conference
- Workshop #1
 - Advisory Committee Visioning exercise
 - Open Session stakeholder input
 - Provost + Deans on MP-SP-AP nexus

Overview of Workshop #2

- Connectivity, Circulation, Transportation
- Landscape, Open Space
- Sustainability
- Space Analytics: Instructional Space Utilization

Look Ahead to Workshop #3

- *space analysis expanded*
- *infrastructure, services, utilities support?*
- *identify hubs/areas for more detailed study*

Engagement beyond the Campus?

how and when?

22 January, 2018 - 9 am

