

Council Members Present (via Zoom):

Carlo Colella — Vice President & Chief Administrative Officer (Chair)
Scott Lupin — Assoc. Director, Environmental Safety, Sustainability & Risk; Director, Office of Sustainability
Kelley Bishop — Assistant Vice President, Division of Student Affairs
Maureen Kotlas — Executive Director, Environmental Safety, Sustainability & Risk
Susan Corry — Director, Engineering & Energy
Bryan Quinn — Director of Technical Operation, Department of Electrical & Computer Engineering
Eric Wachsman — Director, MD Energy Innovation Institute; Professor, Materials Science & Engineering
Mark Addy — Acting Director of Network and Infrastructure Services, Division of IT
Stephanie Lansing — Professor, Environmental Science & Technology
Giovanni Baiocchi — Associate Professor, Geographical Sciences
Jennifer Hadden — Associate Professor, Government & Politics
Laura McBride — Graduate Student Representative
Nina Jeffries — Undergraduate Student Representative

Guest Attendees:

Mike Aziz — Consultant, Partner at Cooper Robertson
Kris Phillips — Director, Facilities Planning
Rebecca Arnold — Senior Campus Planner, Facilities Planning
Charles Grody — Hydraze; Alumnus, University of Maryland
Sabrina Labold — Undergraduate Student, Sustainability Fund Review Committee

Meeting start time: 10:30am

Meeting Highlights

Welcome

Carlo Colella welcomes all Council members and guest speakers to the meeting. Mark Addy from the Division of Information Technology is welcomed to the Council, replacing David Cooper in his retirement.

Facilities Master Plan – K. Phillips, R. Arnold, M. Aziz

This presentation by Kris Phillips, Rebecca Arnold, and Mike Aziz outlined the process and goals for updating the university's Facilities Master Plan (Appendix A). While Master Plans do not relate to policy change, commit to development timelines, or explicitly design buildings, they identify and attempt to address the needs of campus over a specific period. The consultancy involved – Cooper Robertson – has worked with many universities. They will use the 2022 Strategic Plan: Fearlessly Forward to better understand the next steps for the UMD. Working with a collective of partnered organizations (including Barringer, Kimley Horn, etc.), Cooper Robertson and the UMD Facilities Master Plan Review Committee aim to complete the project in 18 months.

After the overview, Kris Phillips and Mike Aziz asked the Council to provide comments and thoughts on topics and discuss campus priorities moving forward. Example comments include:

- Improve mobility and transportation systems, increasing the infrastructure and safety of pedestrians, scooters, and bikes while also developing zero emissions vehicle infrastructure
- Prepare for increasingly strict stormwater management and address concerns relating to the preservation, management, and health of the watershed
- Increase consistency and access to composting and recycling bins on campus, promoting responsible waste management at all levels
- Identify opportunities to implement faculty research into campus operations, for example, introduce carbon sequestration, offsets, and renewable energy project ideas to campus
- Create a cohesive landscape experience, highlighting the intrinsic ties between design, planning, landscape architecture, and construction
- Plan for energy conservation within legacy buildings and aim to reduce energy demands in new, high energy intensity buildings

Sustainability Fund Proposals – N. Jeffries

Nina Jeffries presented to the Council on the Sustainability Fund budget and proposals (Appendix B). In addition to the proposals discussed in the previous meetings, the Sustainability Fund Review Committee is recommends funding for two additional proposals:

- *Empowering Students Through Sustainability:*
 - This project requests funding for a one-year pilot to extend student programs, leadership development, and coalition building. The fund proposal includes seven paid internships, stipends for student ambassadors, and matches wage minimums for RHA, County, and State. The proposal included many letters of support from various departments but does not indicate long-term funding support.
 - The Council **unanimously approved** this project proposal.
- *MaryPIRG Sustainability Advocates Program:*
 - This project requests funds to support programming, stipends for UMD student interns, and staff salary contributions at an external advocacy organization to pilot a new initiative focused on students building leadership skills and connecting sustainability to advocacy, environmental justice, and other topics. The Sustainability Fund Review Committee does not recommend providing any funding toward salaries for the campus organizer and state level director positions; the Committee does recommend offering funding for programmatic costs and UMD student stipends contingent on the requirement that MaryPIRG secure funding for the two external staff positions from another source and providing documentation to the Office of Sustainability by September 1 st , 2022. Nina Jeffries was not involved with developing or submitting this project proposal, but as a student member of MaryPIRG she decided to excuse herself from voting on it."
 - The Council **tabled this discussion until the next Council meeting.**

Open Forum –

Adjourn 12:30 pm

Appendices:

Appendix A: Facilities Master Plan Presentation

Appendix B: Sustainability Fund Projects (April 2022)

UNIVERSITY OF MARYLAND FACILITIES MASTER PLAN

SUSTAINABILITY COUNCIL

APRIL 5, 2022



UNIVERSITY OF
MARYLAND

COOPER ROBERTSON

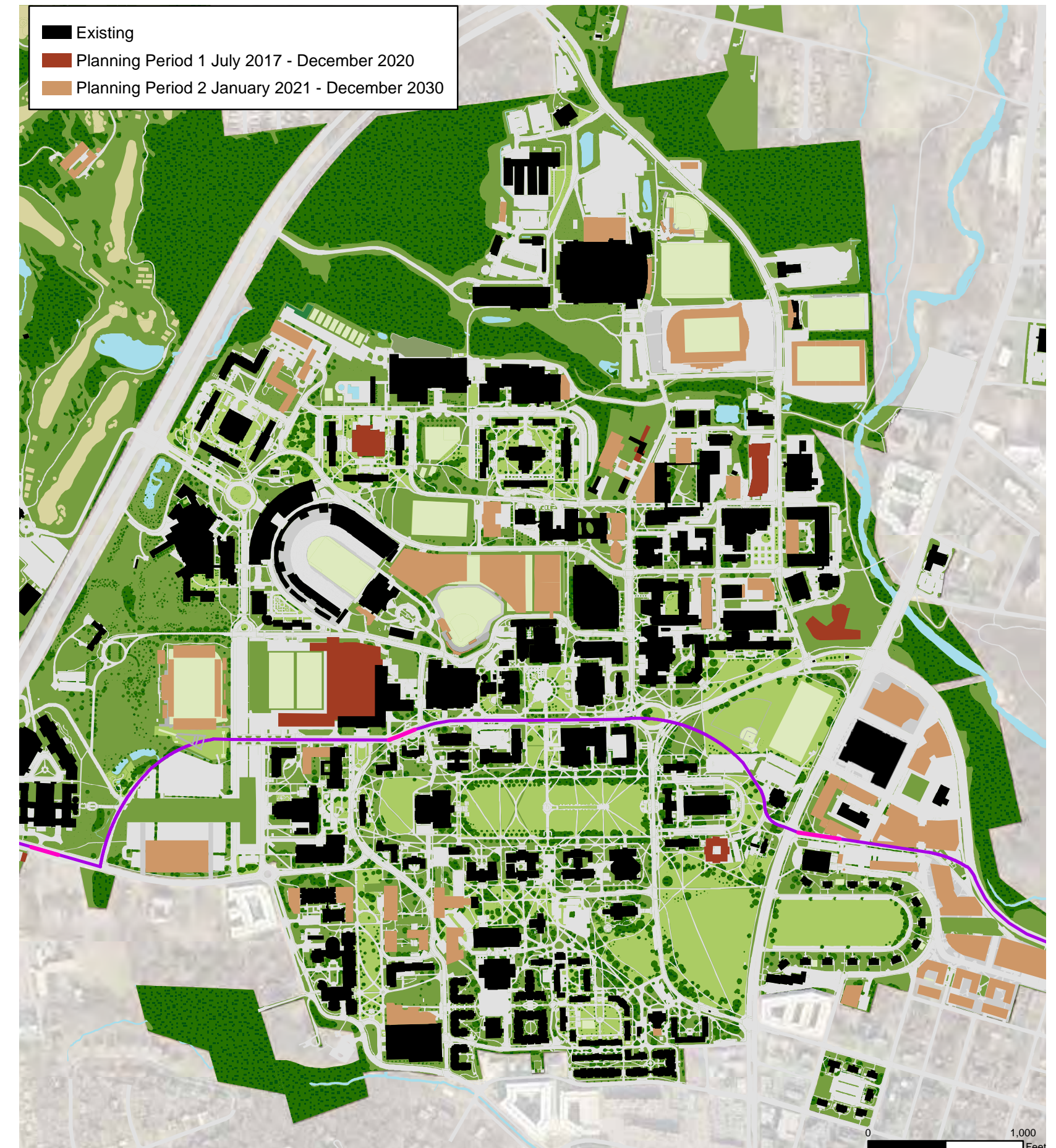
AGENDA

1. INTRODUCTIONS
2. FACILITIES MASTER PLAN OVERVIEW
3. SUSTAINABILITY COUNCIL TODAY
4. DISCUSSION



WHAT IS A MASTER PLAN AND WHY HAVE ONE?

- Supports and **advances the university's strategic goals and objectives** in a managed and coordinated way
- Serves as the **guide / framework for the future physical development** of a campus
- Identifies opportunities for **connection to surrounding communities**
- Recommends **potential project phasing**
- **Meets the requirements of University System of Maryland (USM)** to update the plan every five years
- Institutes **good planning practice**

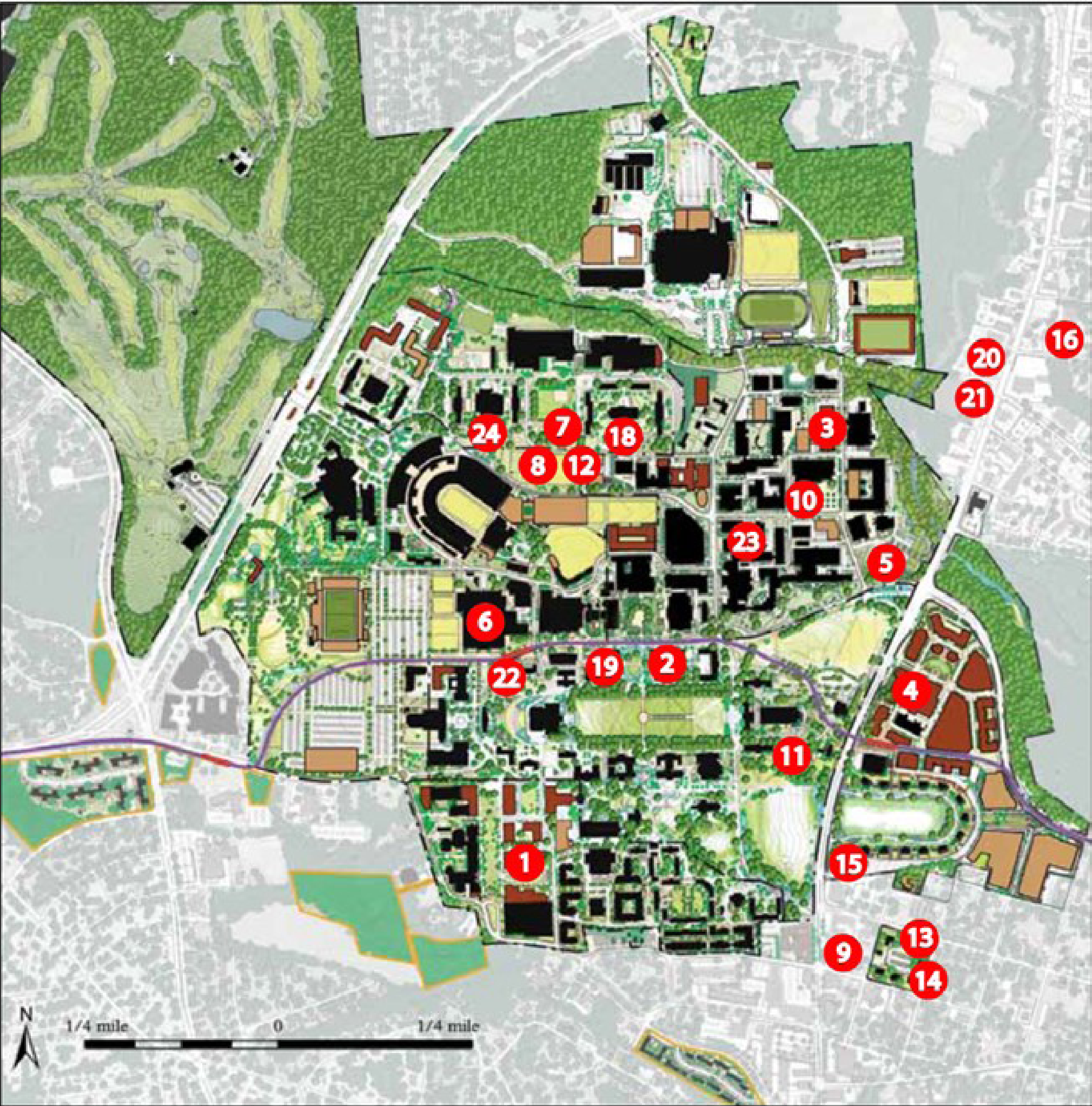


WHAT A MASTER PLAN DOES NOT DO

- Establish **policy** of the university
- Commit the university to a **development timeline**
- **Design individual buildings**
- **Guarantee approval** of project site or **preclude other campus sites** from being considered as new campus needs arise
- Address issues **beyond campus land ownership**



2011 MASTER PLAN (2011-2030)



Major Completed Building Projects

#	NAME	TYPE	YEAR
1	Prince Frederick Hall	Aux	2014
2	Edward St. John Learning And Teaching Center	Acad	2017
3	A. James Clark Hall	Acad	2017
4	The Hotel at The University of Maryland	Non Acad	2017
5	Brendan Iribe Center	Acad	2018
6	Cole Student Activities Building	Acad/Aux	2021
7	Pyon-Chen Hall	Aux	2021
8	Johnson-Whittle Hall	Aux	2021
9	7401 Baltimore Ave	Admin	2021
10	E. A. Fernandez Idea Factory	Acad	2022
11	School Of Public Policy	Acad	2022
12	Yahentamitsi Dining Hall	Aux	2022

Major Renovations & Acquisitions

#	NAME	TYPE	YEAR
13	Greek House 171 Phi Sigma Sigma	Aux	2012
14	Greek House 176 Alpha Phi	Aux	2012
15	Pocomoke Building	Non Acad	2013
16	Seneca Building	Admin	2014
17	Severn Building, Acquired, Not Shown	Non Acad	2016
18	Cambridge Hall	Aux	2016
19	H.J. Patterson Hall (Wing 1)	Acad	2016
20	Artemesia Building	Acad	2016
21	Cypress Building	Acad	2016
22	Dorchester Hall	Aux	2018
23	Chemistry Building	Acad	2021
24	Ellicott Hall	Aux	TBD

COOPER ROBERTSON OVERVIEW

43 Years in Practice, Founded 1979

HIGHER EDUCATION EXPERTISE

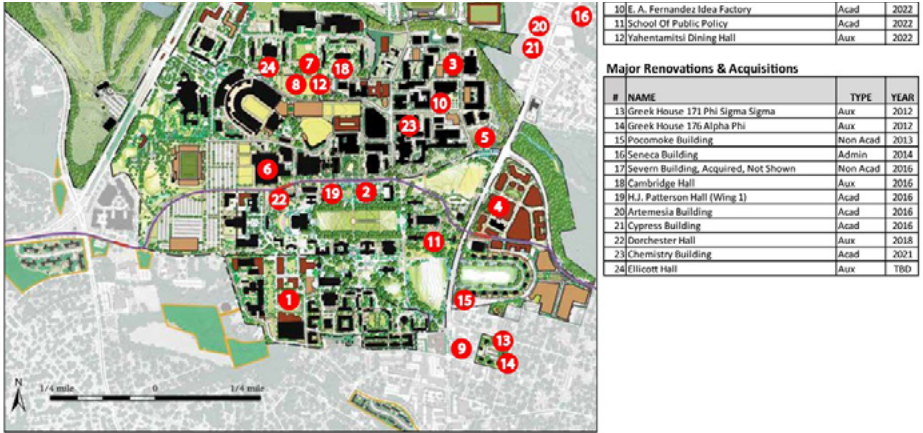
- Strategic Planning
- Master Planning
- Framework Planning
- Academic Programming
- Public Realm Design
- Design Guidelines
- Building Design



Ohio State University



University of Miami



Harvard University, Allston Campus



George Washington University

CAMPUS DESIGN EXPERIENCE

46 colleges and universities where we have completed master plans & buildings

36 cities in which we have completed higher education projects

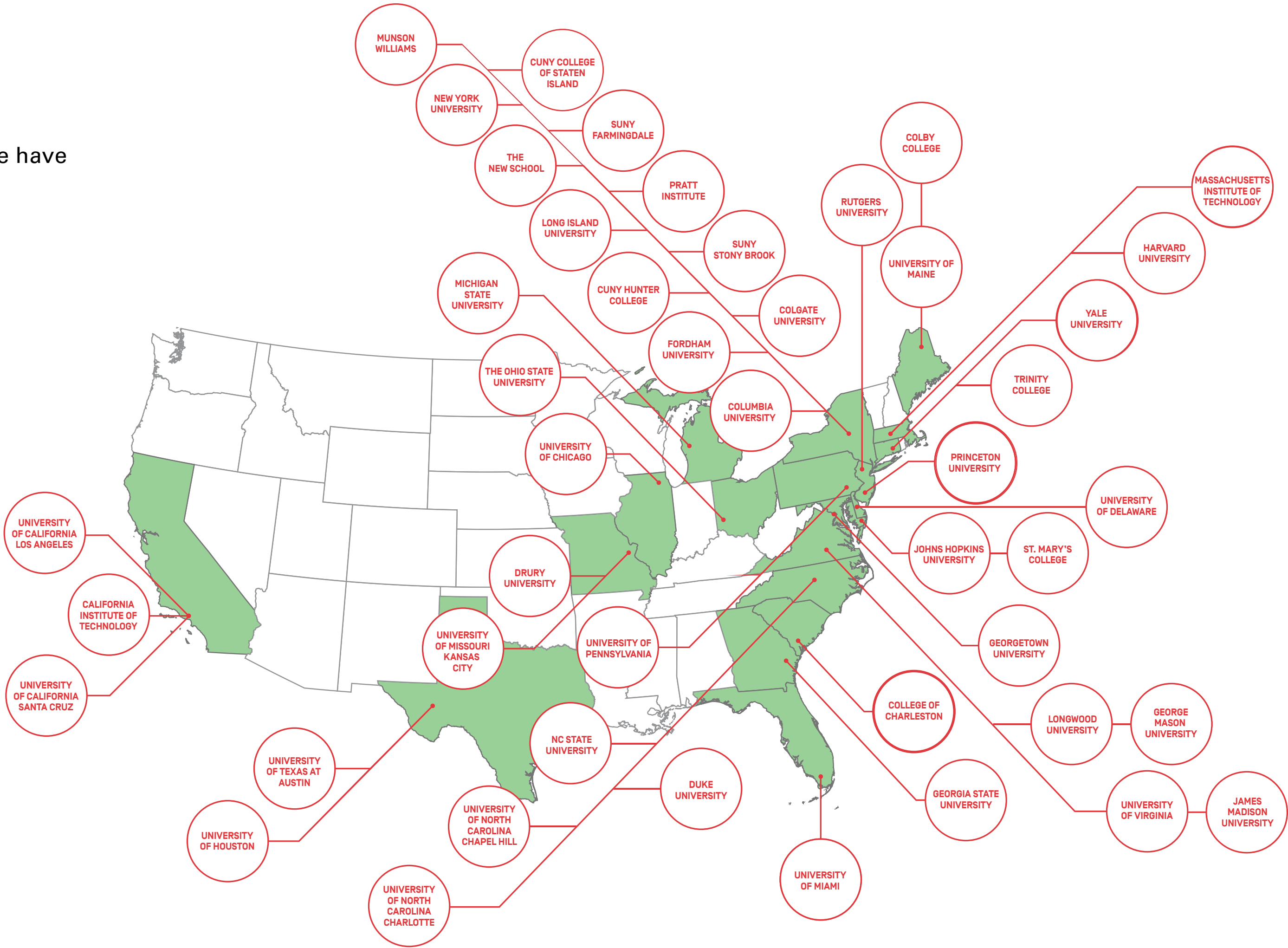
9 of the 15 best value colleges in the United States

8 of the 10 top universities in the United States



3 of the 5 top public schools in the United States

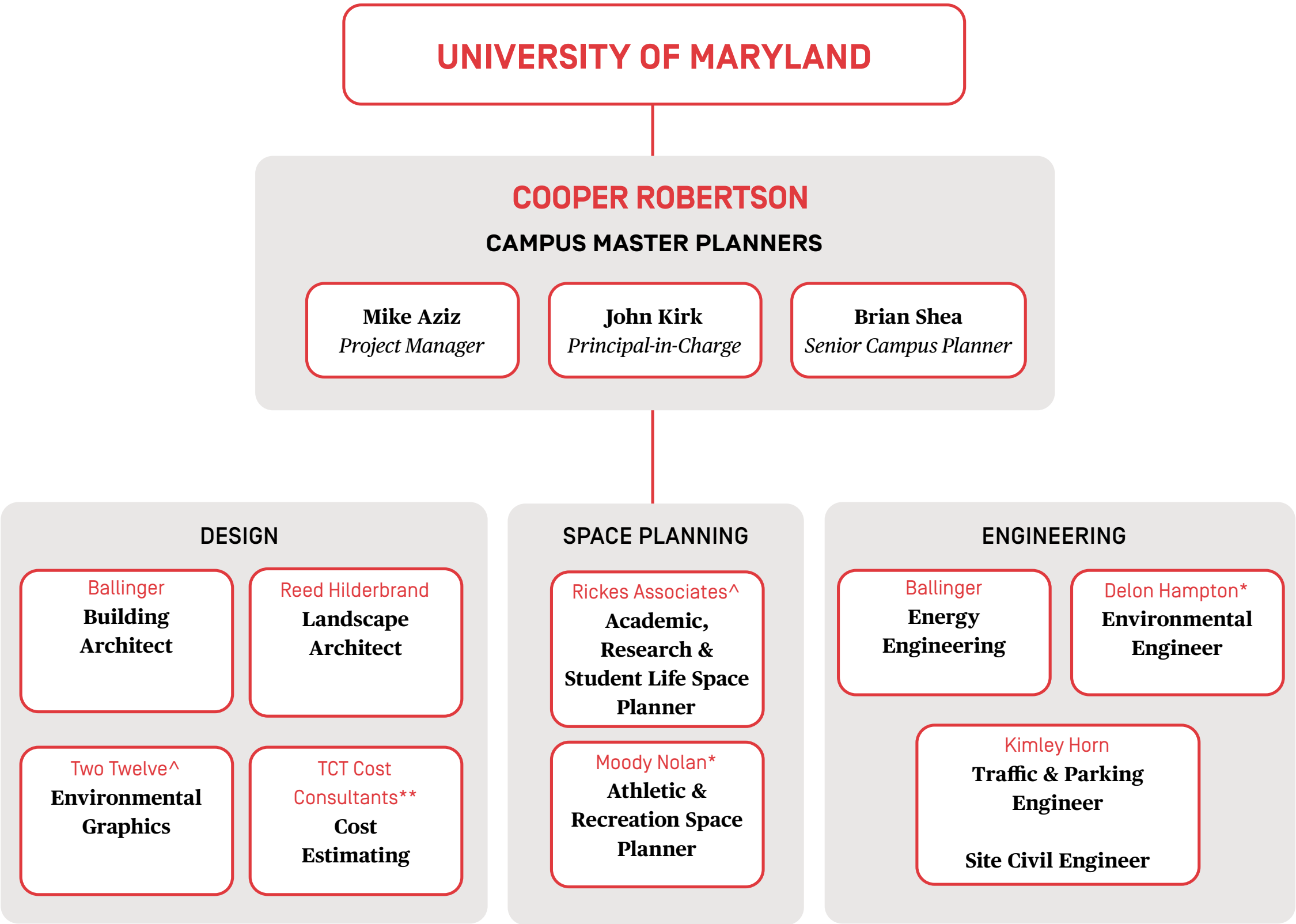
2 of the 5 most innovative schools in the nation



OUR TEAM

UMD Knowledge + National Experience

- **18** UMD Building and Planning Projects
- **13** Big 10 Universities
- **98** R1 Universities



* African-American Owned Enterprise
^ Women-Owned Enterprise
** Minority-Owned Enterprise

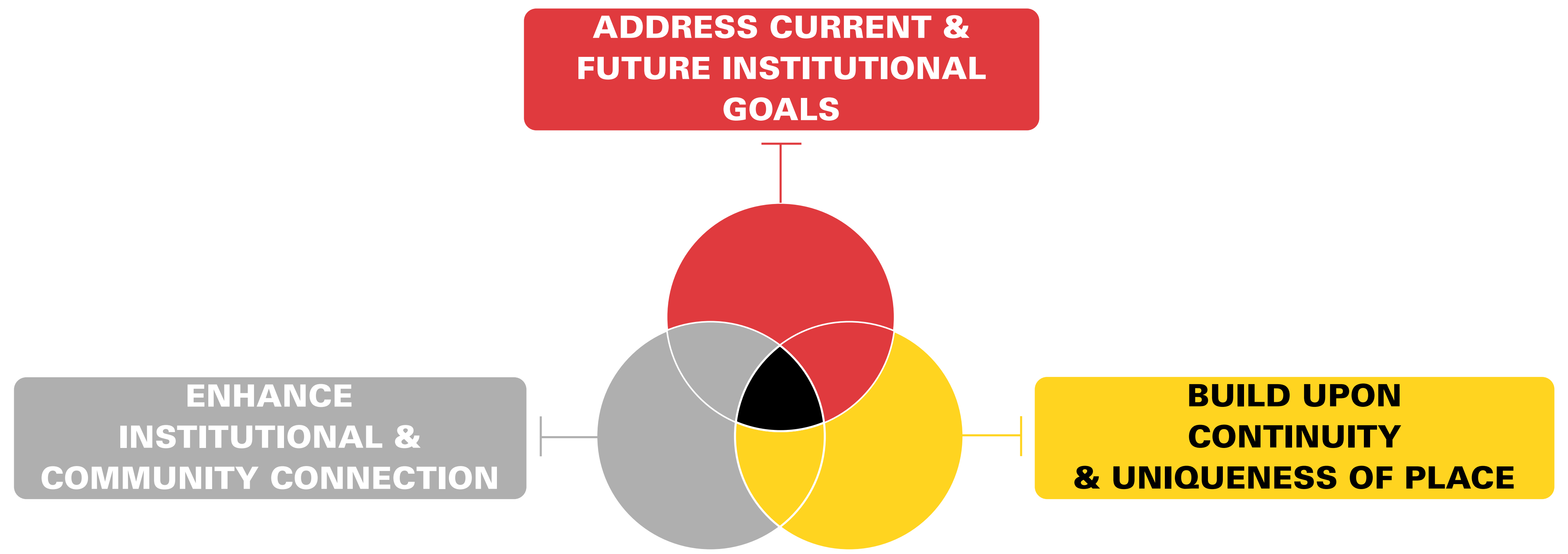
2022 STRATEGIC PLAN

- **Multidisciplinary collaboration** and innovative learning
- Engaged and **impactful research and curricular innovations**
- Leverage location to **advance policy that addresses “grand challenges”**
- **Civic engagement** and **project-based experiences** for students
- Strategic **research partnerships**
- Social justice through **relationship building and community partnerships**



Source: UMD 2022 Strategic Plan

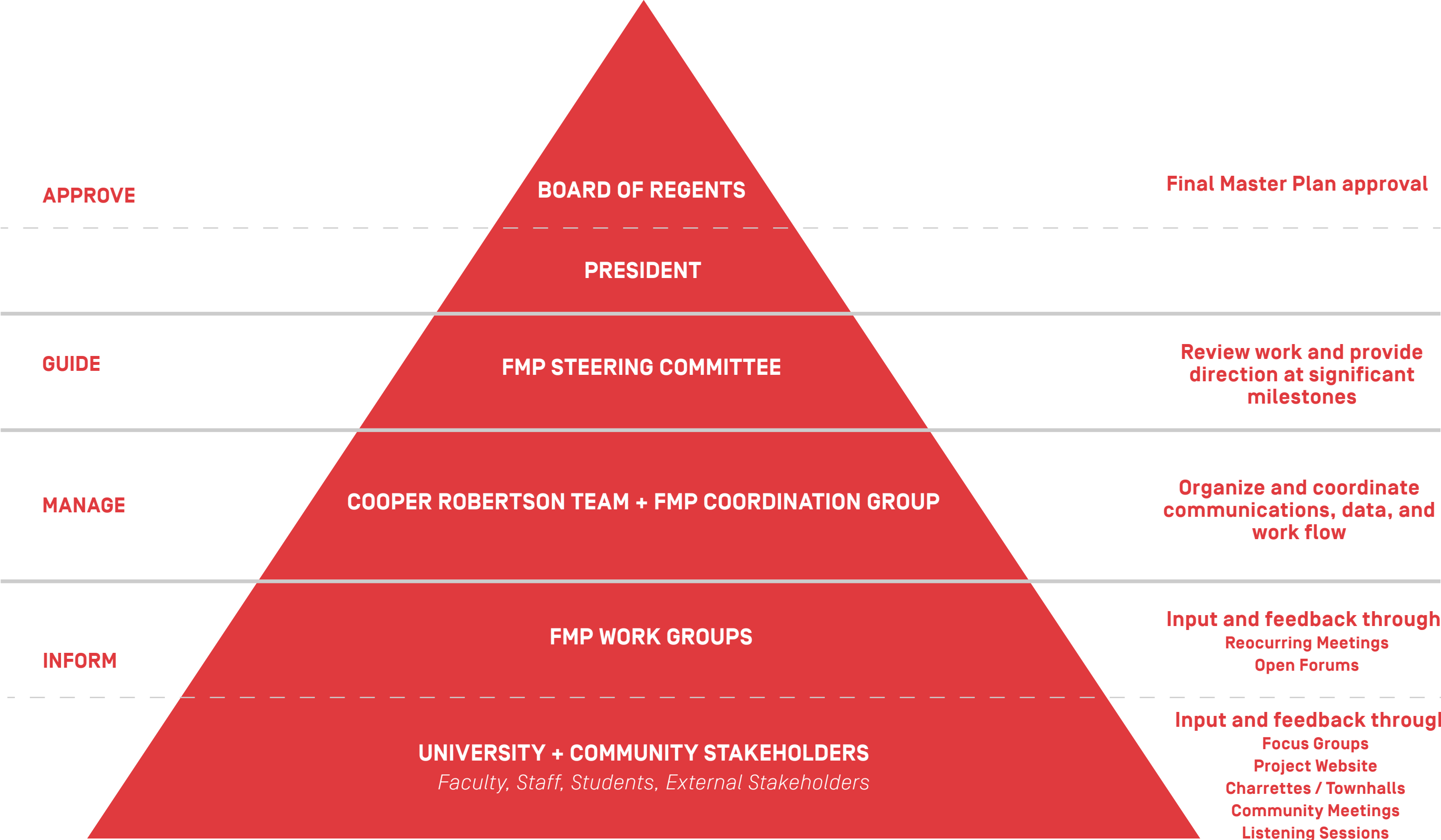
AN INNOVATIVE & STRATEGIC FRAMEWORK FOR DEVELOPMENT



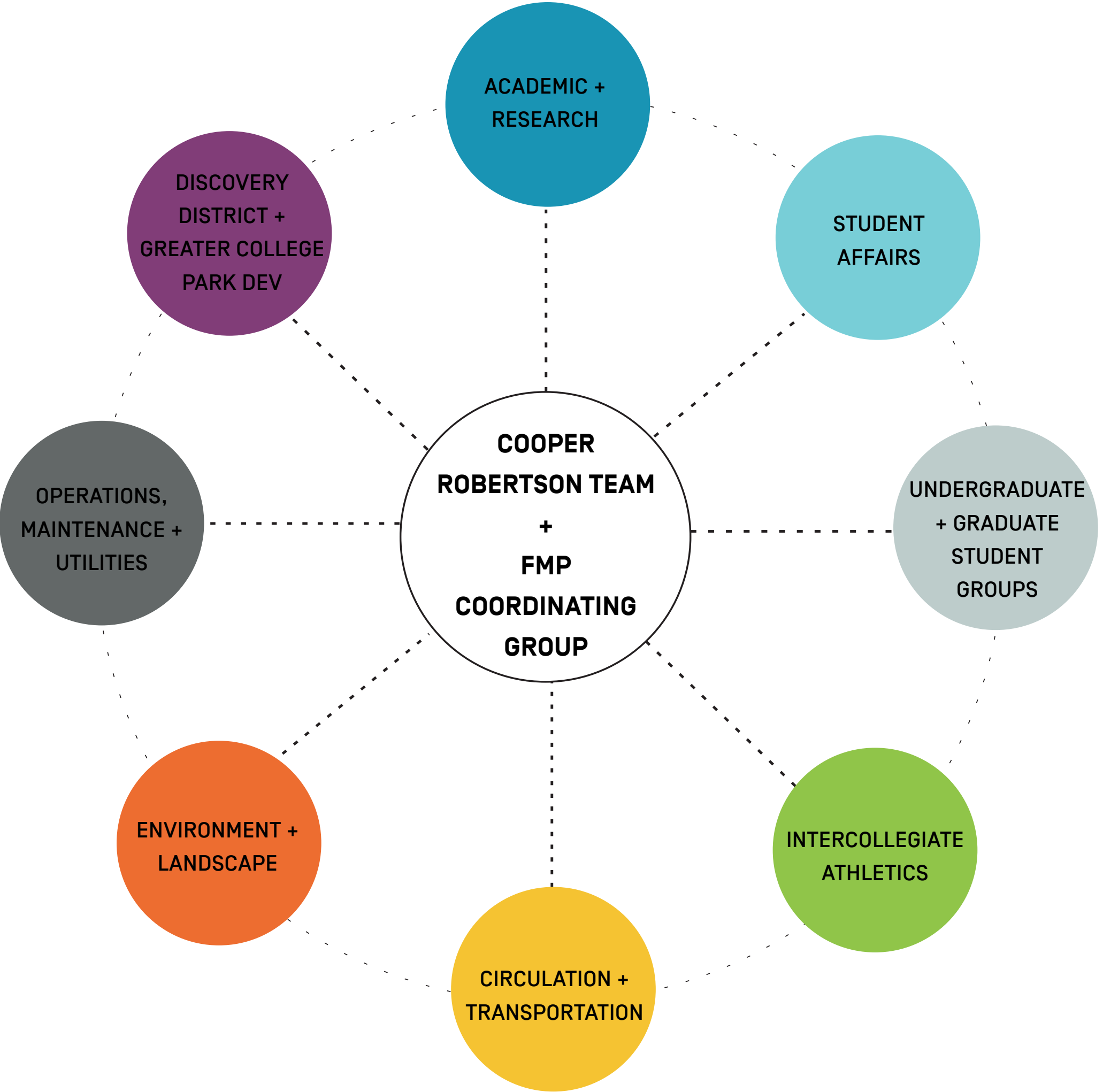
PROCESS



DECISION MAKING & COMMUNICATION



FMP WORK GROUPS



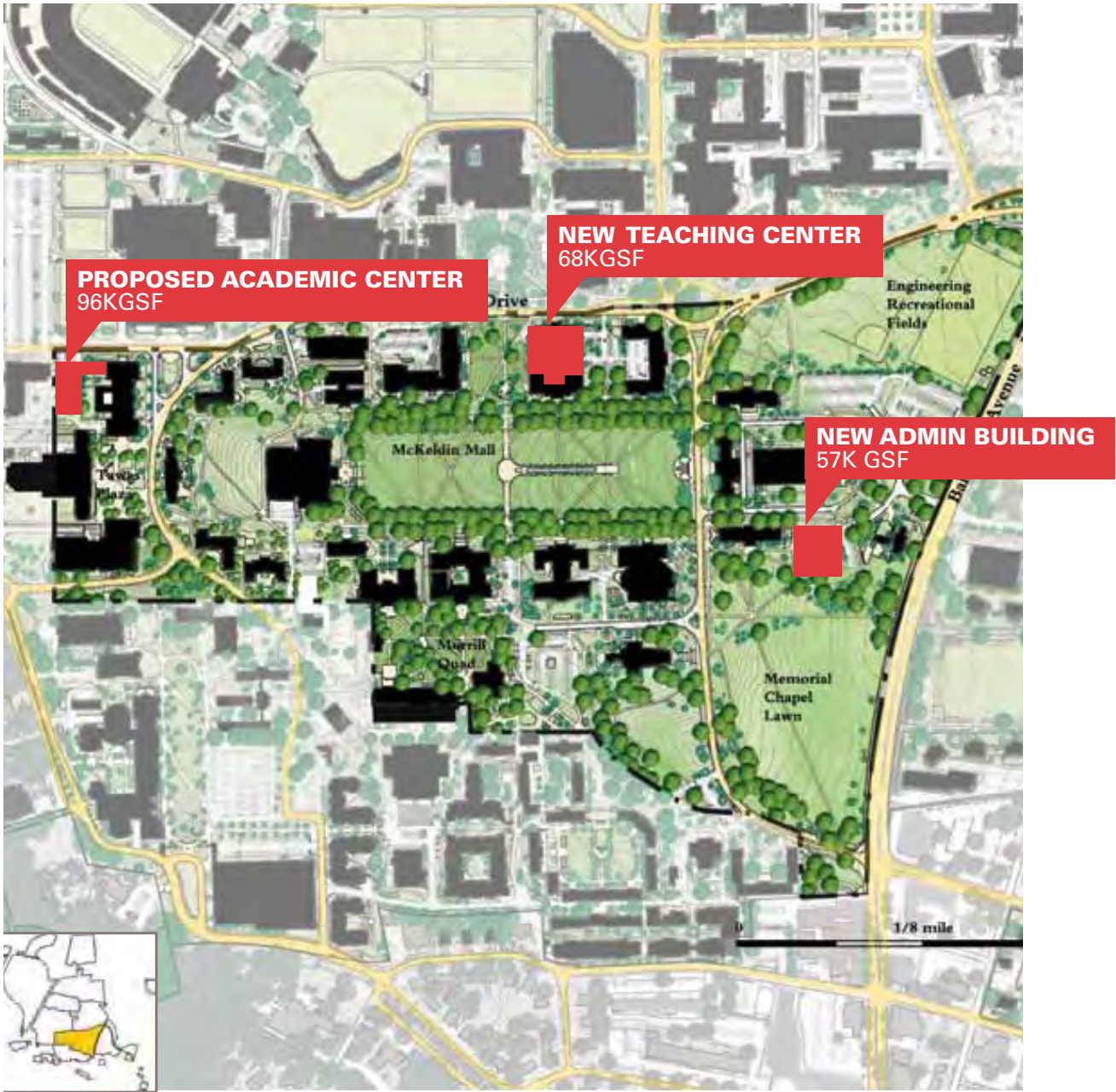
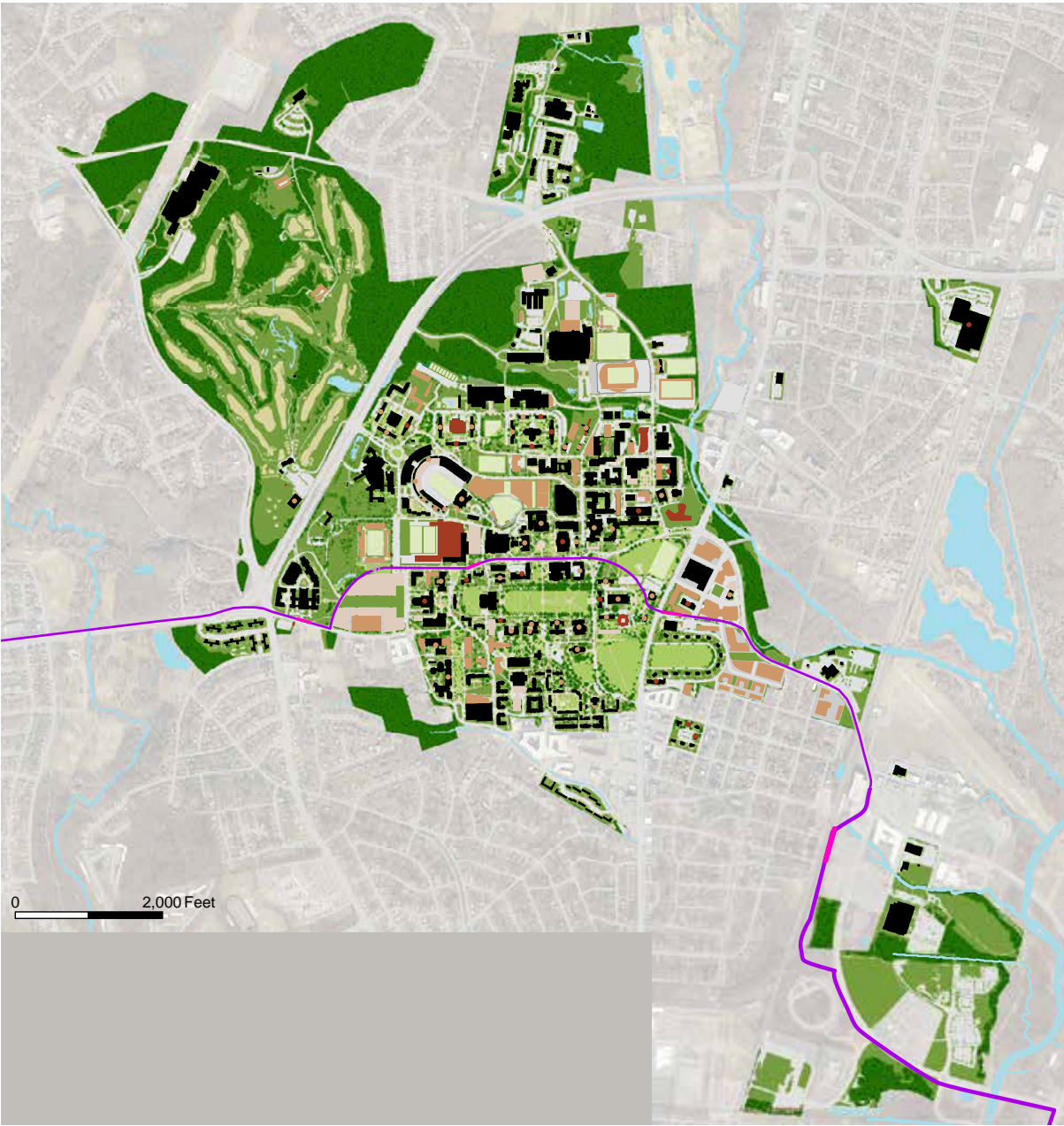
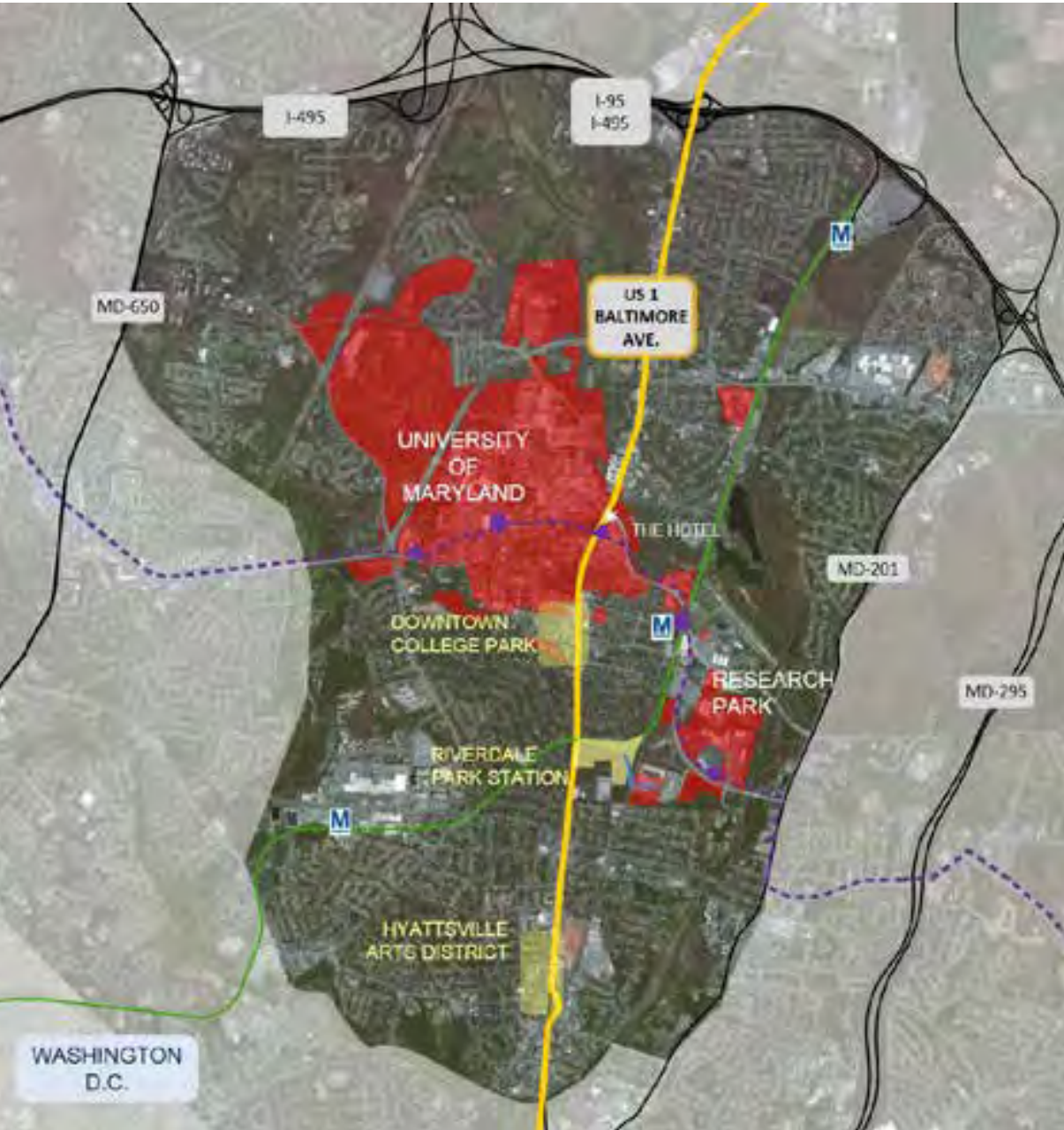
BROAD & INCLUSIVE ENGAGEMENT

- Website
- Social Media
- Online Surveys
- Open Forums
- Interviews
- Guided Tours



PLANNING SCALES

COLLEGE PARK → CAMPUS → DISTRICT



UMD SUSTAINABILITY COUNCIL



UMD SUSTAINABILITY COUNCIL

- **Advises the President, the Office of Sustainability, and the campus community** about sustainability issues
- Review and endorsement of a **wide-range of campus projects**
- Recommends **sustainability projects and initiatives**
- **Goal Framework**
 - Carbon Neutrality
 - Education for Sustainability
 - Local and Global Impact
 - Smart Growth
 - Sustainable Water Use
 - Waste Minimization

We must continue our academic leadership in research, education and service relative to climate science, sustainability and environmental stewardship of our natural resources. I challenge our faculty to become leaders in developing solutions to one of the grand challenges of our time...

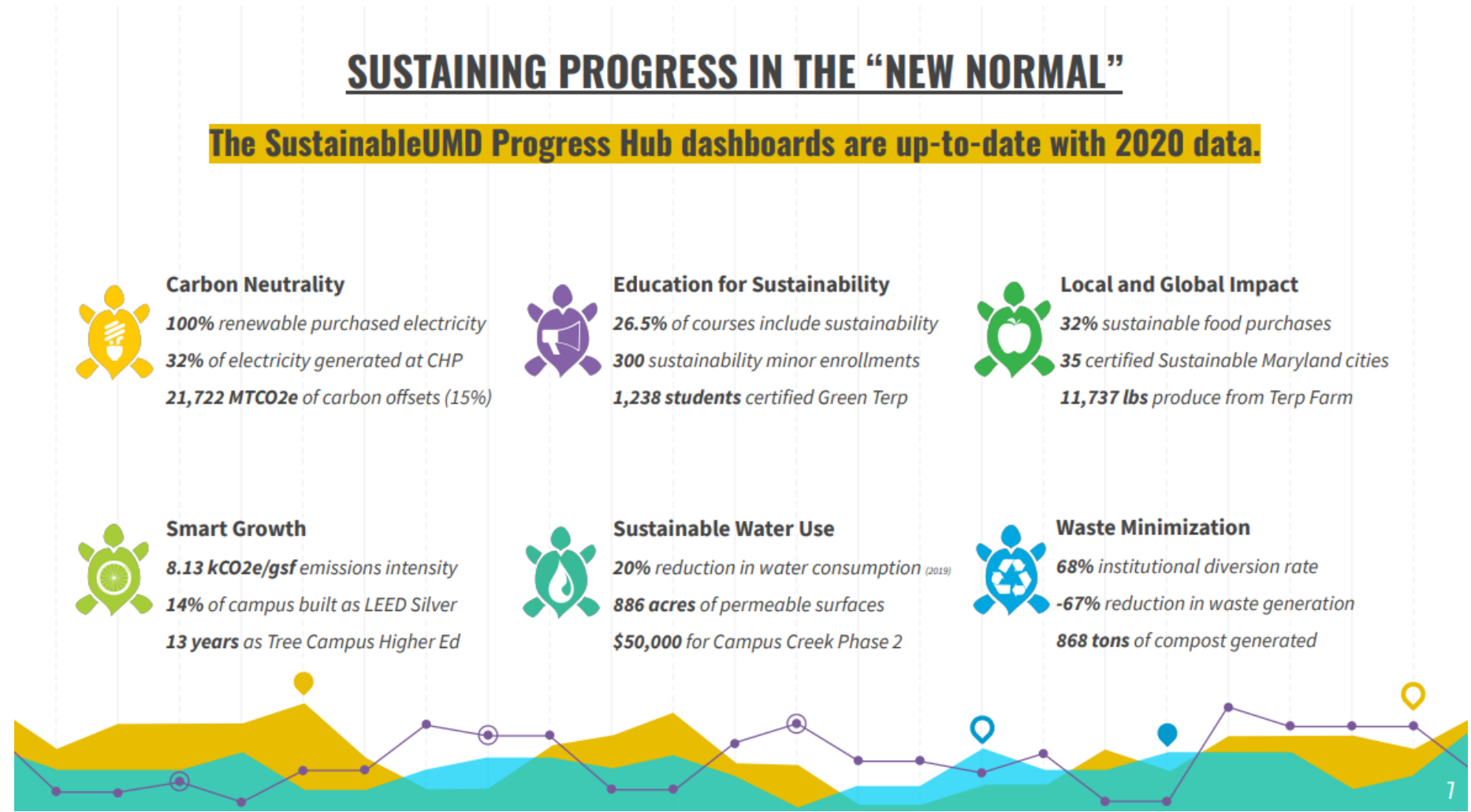
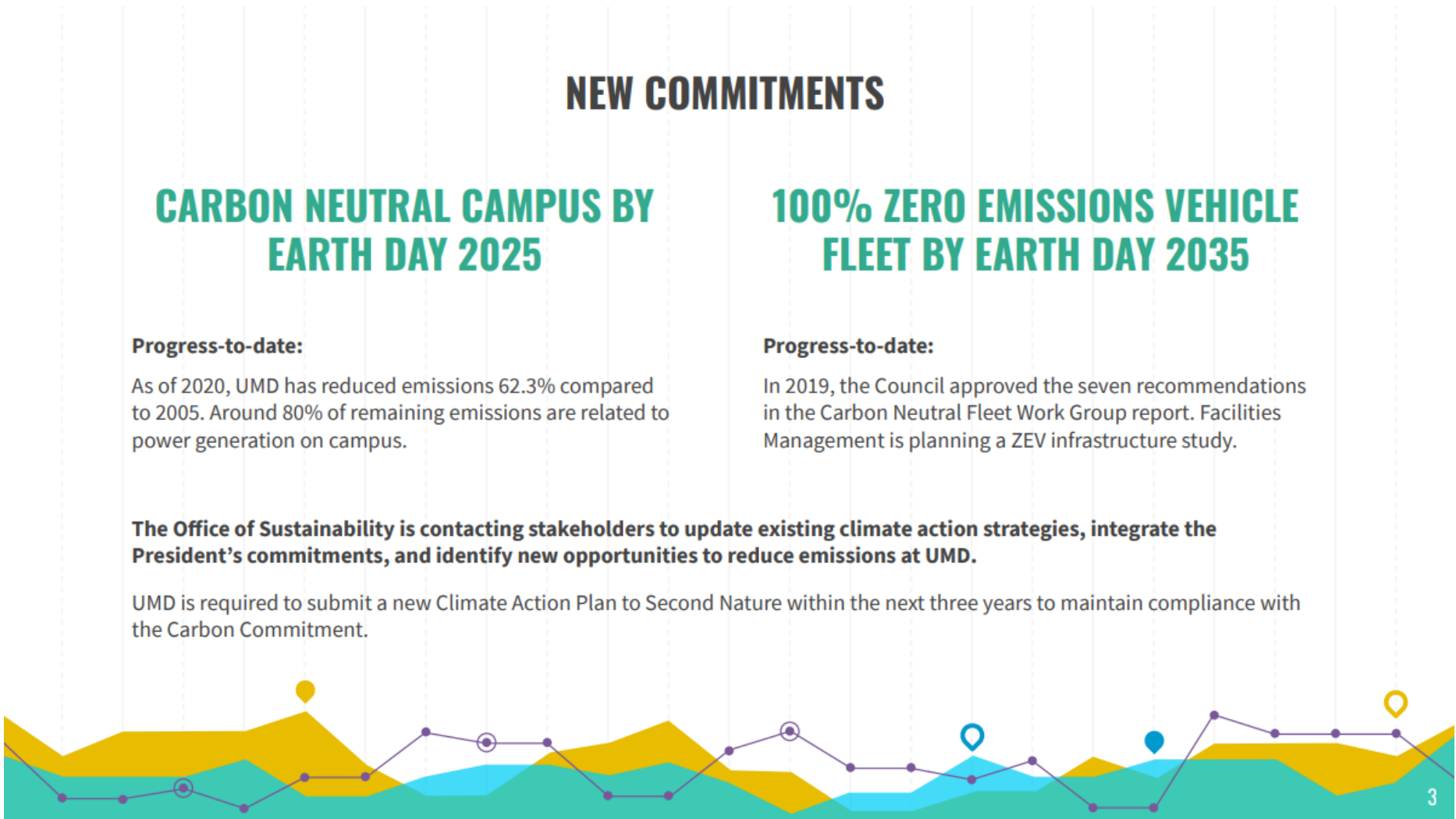
We all must become climate ambassadors.

-- President Pines, April 21, 2021



DISCUSSION

- Which **campus sustainability projects and initiatives** are most relevant for the Master Plan?
- With respect to sustainability, what are the most **desirable Master Plan metrics of success?**
- What aspects of this FMP effort provide the greatest opportunities to **realize sustainability goals from the University's Strategic Plan?**
- What are the most pressing sustainability opportunities and challenges that exist within the **campus's legacy buildings?**
- What are key opportunities and potential challenges to **sustaining progress in the "New Normal"?**



FMP Project Contacts:

Kris Phillips, UMD, Director of Facilities Planning: kphilli5@umd.edu
Rebecca Arnold, UMD, Senior Campus Planner: rarnold2@umd.edu
Mike Aziz, Cooper Robertson, Partner: maziz@cooperrobertson.com



UNIVERSITY OF MARYLAND

sustainability
fund

GRANT RECOMMENDATIONS APRIL 2022



Sustainability Fund Budget for FY22



Revenue		Expenses	
FY22 Revenue*	\$330,000	Sustainability Mini -Grants	\$2,385
FY21 CarryForward*	\$17, 641	Carbon Offsets for Carbon Neutral Undergrad Commuting*	\$60,000
FY22 Working Budget*	\$347,641	Grants Issued to-date	\$151,738.06
FY22 Total requested	\$632,586	Today's Grant Recommendations	\$70,701
FY22 Requests still pending	\$0	Remaining Balance if recommendations are *	\$62,848.94

*Estimated



Projects Recommended for Funding



1. Empowering Students Through Sustainability Engagement and Leadership

1. MaryPIRG Sustainability Advocates Program



Empowering Students Through Sustainability Engagement and Leadership



Requested: \$49,887.00

SFRC recommendation: \$49,869

Summary: 1-year pilot to expand student sustainability engagement programs. Planning on creating paid intern positions to support a network of peer educators and student facilitators. Goals are to lead more in depth training, leadership, professional development, and service learning.



Submitted by: Tanvi Gadhia, Office of Sustainability



Empowering Students Through Sustainability Engagement and Leadership



- One-year pilot from July 2022 - June 2023
- Students partnering with OS have voiced demand and interest in sustainability-centered coalition building, leadership development, civic engagement and environmental justice
- Originally ~\$15,000 for incentives - upped student hourly wage and reduced \$ for incentives
 - straw set, utensil set, or donation towards tree planting offsets to tree planting, cooking class, Terp Farm visit, or lemonade from Green Dining
- Support letters from Res Life, DFSL, DS, and SCOOP advisor



Empowering Students Through Sustainability



Type	Notes	Cost
Leadership Development Budget:	Ambassador Stipends, challenge course, workshop supplies, environmental justice tour	\$11,864
Incentives	Lemonade from Green Tidings Food Truck, Bus Trip to Terp Farm, Plant Forward Cooking Class, or donation to tree planting	\$8,128
Intern Wages (full year)	Resident Engagement Intern (DRL) Green Greeks Intern (DFSL) Leadership Development Intern (OS) Student Sustainability Network Intern (OS) Communications Intern (OS) Staff Sustainability Intern (OS) Outreach Events Intern (OS)	\$28,950



MaryPIRG Sustainability Advocates Program



Requested: \$70,541

SFRC recommendation: \$20,800

Summary: Funds to support creating paid Sustainability Advocates positions focused on helping students to build leadership skills and be effective environmental organizers.

Submitted by: Glin Brower, undergraduate student and MaryPIRG Students Treasurer



md.mscac





MaryPIRG Sustainability Advocates Program



- students want:
 - more connections with the broader activism and sustainability community
 - more professional development opportunities for students interested in these career paths
 - environmental justice, energy, plastic waste, and clean water
- Consulted with MaryPIRG members, SGA Sustainability Committee, Sustainable Oceans Alliance, NAACP, YDSA, and PLUMAS
- 40 students trained, 500 students volunteer/attend an event, 5,000 students do a grassroots action



MaryPIRG Sustainability Advocates Program



Type	Notes	Cost
Student Stipends	program will include 5-10 lead students who will each get a stipend in recognition of additional work and supervisory responsibility	\$20,000
Trips to sites/organizations in the DMV area		\$800
Total		\$20,800

- Cut campus organizer, guest speakers, state director, and operating costs
- Contingent upon proving they secured funding for the two staff positions by September 1st



SFRC for Next Meeting (maybe?)



- Offsetting Undergraduate Commuter Emissions
 - After university decided to offset air travel, SGA directed SFRC to offset undergraduate commuting emissions
 - SGA set spending at \$50,000\$60,000*
 - In 2020: average price \$2.95
 - In 2021: average price \$5.59
 - Co-benefits
- Bylaw Adjustment Consideration
 - SGA and RHA passed resolutions supporting the SFRC's recommendation to increase the student sustainability fee
 - RHA suggested a few bylaw changes