



UNIVERSITY SYSTEM  
*of* MARYLAND

Board of Regents  
Committee on Finance

November 19, 2019  
University of Maryland, Baltimore  
AGENDA FOR PUBLIC SESSION

Call to Order

Chairman Attman

1. Convening Closed Session (action)\*
2. University of Maryland Center for Environmental Science 2018 Facilities Master Plan Report (presentation and information)
3. Salisbury University: Real Property Acquisition (action)
4. Salisbury University: New Housing Complex (action)
5. University System of Maryland: Amendment to the Forty-First Bond Resolution—Auxiliary Facility and Tuition Revenue Bonds (action)
6. University of Maryland Eastern Shore: Increase in Authorization for Construction of an Agricultural Research and Education Center (action)
7. University of Maryland, College Park: Increase in Authorization for New Residence Halls (action)
8. University of Maryland, College Park: Increase in Authorization for North Campus Dining Hall Replacement (action)
9. University of Maryland, College Park: University of Maryland College Park Foundation, Inc. Right of Entry for Construction of the Basketball Performance Center (action)
10. University of Maryland, College Park: Information Regarding Replacing Videoboards and Audio System at Maryland Stadium and the Associated Control Equipment (information)
11. Bowie State University: Increase in Authorization for Thurgood Marshall Library HVAC Renovation Project (action)
12. Opening Fall 2019 Enrollment and FY 2020 Estimated FTE Report (presentation and information)
13. University of Baltimore: Lease for the Baltimore City Police Academy (information)

*\*Please note: the first item action occurs at 10:30 a.m., prior to the start of the closed session.*



**BOARD OF REGENTS**

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

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**TOPIC:** Convening Closed Session

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The Open Meetings Act permits public bodies to close their meetings to the public in special circumstances outlined in §3-305 of the Act and to carry out administrative functions exempted by §3-103 of the Act. The Board of Regents Finance Committee will now vote to reconvene in closed session. As required by law, the vote on the closing of the session will be recorded. A written statement of the reason(s) for closing the meeting, including a citation of the authority under §3-305 and a listing of the topics to be discussed, is available for public review.

It is possible that an issue could arise during a closed session that the Committee determines should be discussed in open session or added to the closed session agenda for discussion. In that event, the Committee would reconvene in open session to discuss the open session topic or to vote to reconvene in closed session to discuss the additional closed session topic.

**ALTERNATIVE(S):** No alternative is suggested.

**FISCAL IMPACT:** There is no fiscal impact.

**CHANCELLOR’S RECOMMENDATION:** The Chancellor recommends that the Board of Regents Committee on Finance vote to reconvene in closed session.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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UNIVERSITY SYSTEM  
*of* MARYLAND

STATEMENT REGARDING CLOSING A MEETING  
OF THE COMMITTEE ON FINANCE  
OF THE USM BOARD OF REGENTS

Date: November 19, 2019  
Time: 10:30 a.m.  
Location: University of Maryland, Baltimore

STATUTORY AUTHORITY TO CLOSE A SESSION

Md. Code, General Provisions Article §3-305(b):

- (1) To discuss:
  - [ ] (i) The appointment, employment, assignment, promotion, discipline, demotion, compensation, removal, resignation, or performance evaluation of appointees, employees, or officials over whom it has jurisdiction; or
  - [ ] (ii) Any other personnel matter that affects one or more specific individuals.
- (2) [ ] To protect the privacy or reputation of individuals with respect to a matter that is not related to public business.
- (3) [ ] To consider the acquisition of real property for a public purpose and matters directly related thereto.
- (4) [ ] To consider a preliminary matter that concerns the proposal for a business or industrial organization to locate, expand, or remain in the State.
- (5) [ ] To consider the investment of public funds.
- (6) [ ] To consider the marketing of public securities.
- (7) [ ] To consult with counsel to obtain legal advice on a legal matter.
- (8) [ ] To consult with staff, consultants, or other individuals about pending or potential litigation.
- (9) [ ] To conduct collective bargaining negotiations or consider matters that relate to the negotiations.

- (10)  To discuss public security, if the public body determines that public discussions would constitute a risk to the public or public security, including:
- (i) the deployment of fire and police services and staff; and
  - (ii) the development and implementation of emergency plans.
- (11)  To prepare, administer or grade a scholastic, licensing, or qualifying examination.
- (12)  To conduct or discuss an investigative proceeding on actual or possible criminal conduct.
- (13)  To comply with a specific constitutional, statutory, or judicially imposed requirement that prevents public disclosures about a particular proceeding or matter.
- (14)  Before a contract is awarded or bids are opened, to discuss a matter directly related to a negotiation strategy or the contents of a bid or proposal, if public discussion or disclosure would adversely impact the ability of the public body to participate in the competitive bidding or proposal process.
- (15)  To discuss cybersecurity, if the public body determines that public discussion would constitute a risk to:
- (i) security assessments or deployments relating to information resources technology;
  - (ii) network security information, including information that is:
    1. related to passwords, personal identification numbers, access codes, encryption, or other components of the security system of a governmental entity;
    2. collected, assembled, or maintained by or for a governmental entity to prevent, detect, or investigate criminal activity; or
    3. related to an assessment, made by or for a governmental entity or maintained by a governmental entity, of the vulnerability of a network to criminal activity; or
  - (iii) deployments or implementation of security personnel, critical infrastructure, or security devices.

Md. Code, General Provisions Article §3-103(a)(1)(i):

- Administrative Matters

TOPICS TO BE DISCUSSED:

The awarding of a new contract for recruiting process services.

REASON FOR CLOSING:

To maintain confidentiality of discussions of bid proposals prior to BOR approval and the awarding of a new contract (§3-305(b)(14)).



**TOPIC:** University of Maryland Center for Environmental Science 2018 Facilities Master Plan

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019 (presentation and information)

**SUMMARY:** The University of Maryland Center for Environmental Science requests Board of Regents' approval of its 2018 Facilities Master Plan.

Through its four laboratories and two programs across Maryland, the University of Maryland Center for Environmental Science (UMCES) is a research, education, and service institution of the University System of Maryland (USM) and a world leader in the science of coastal environments and their watersheds. UMCES faculty advances knowledge through scientific discovery, integration, application, and teaching that results in a comprehensive understanding of our environment and natural resources, helping to guide Maryland and the world toward a more sustainable future. Through its role as the responsible institution for administration of the Maryland Sea Grant College and numerous collaborative programs with other institutions, UMCES leads, coordinates, and catalyzes environmental research and graduate education within the USM. The Integration and Application Network inspires, manages, produces, and communicates timely syntheses and assessments on key environmental issues with a special emphasis on Chesapeake Bay.

Established over 90 years ago, UMCES received accreditation from the Middle States Commission on Higher Education in 2016. UMCES faculty members advise, teach, and serve as mentors to many graduate students enrolled in USM institutions, particularly through the System-wide graduate programs in Marine Estuarine Environmental Sciences (MEES), in which UMCES has a leading role. UMCES also delivers its services through environmental science education programs for K-12 students and teachers, pertinent and timely information to the general public and decision-makers, as well as technology transfer to industries.

By managing institutional funds in the most efficient and effective manner, UMCES was able to complete a number of key projects in the first 5 years of the 10-Year Facilities Master Plan (FMP) with great success. These projects include the Truitt Replacement Laboratory, an award winning LEED building; a 10-acre Solar Field and Solar Carport installation at UMES' Horn Point Laboratory in Cambridge, MD; the R.V. Rachel Carson Bulkhead Rehabilitation; and the Morris Marine Laboratory Phased Renovation project also located in Cambridge. This contribution of continuously and tirelessly supporting research activities at all laboratory campuses is one of UMCES' distinctive hallmarks. Building from the framework developed in the 2012 UMCES 10-Year Facilities Master Plan, the 2018 5-Year Update provides up-to-date, relevant project priorities by each UMCES-managed laboratory campus. The recommended three priority projects for each laboratory represent the target development projects most critical to each of UMCES' major campus locations.

The 2018 Facilities Master Plan Update sets a long-term vision and framework formulated from inputs from all in the UMCES community. The Master Plan continues to focus on aiding the UMCES mission-critical research space needs in a multi-faceted approach of renovation, rehabilitation, renewal, and addition. The Plan is aligned with the UMCES Strategic Plan and is developed in support and advancement of the University's mission.

Dr. Peter Goodwin, UMCES President, is committed to maintaining and developing facilities for convergent research specifically focused on the Chesapeake Bay and its watershed that can assist teams of researchers in analyses, synthesis, and data interpretation into relevant, actionable, and digestible information for decision making. The FMP emphasizes preserving and enhancing historic buildings and infrastructure, developing added environmental research opportunities, and building environmentally friendly facilities that meet programmatic needs. Energy efficiency on campus will continue to be improved with upgrades, renovation, and construction of facilities that will incorporate LEED standards to reduce energy usage.

**ALTERNATIVE(S)**: The 2018 Facilities Master Plan presents a comprehensive, long-term vision for UMCES physical development. The plan is reflective of the university’s academic and research mission, its institutional values and its impact on the landscape, the environment, and the surrounding community. There are no alternatives for implementation.

**FISCAL IMPACT**: The 2018 Facilities Master Plan will present challenges to the capital and operating budgets to fully implement. The University is committed to securing funds to implement the plan. Approval of the FMP does not imply approval of capital projects or funding. These items will be reviewed through the normal procedures of the capital and operating budget processes.

**CHANCELLOR’S RECOMMENDATION**: That the Finance Committee consider UMCES 2018 Facilities Master Plan and materials as presented today for formal action at the Committee’s next meeting; subsequently recommending approval to the full Board of Regents, in accordance with the Board’s two-step approval process. Approval of the Plan does not imply approval of capital projects or funding. These items will be reviewed through the normal procedures of the capital and operating budget processes.

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COMMITTEE RECOMMENDATION:	DATE:
BOARD ACTION:	DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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# 2018 Facilities Master Plan Update

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UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE



2018 FACILITIES MASTER PLAN UPDATE

UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

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UMCES President

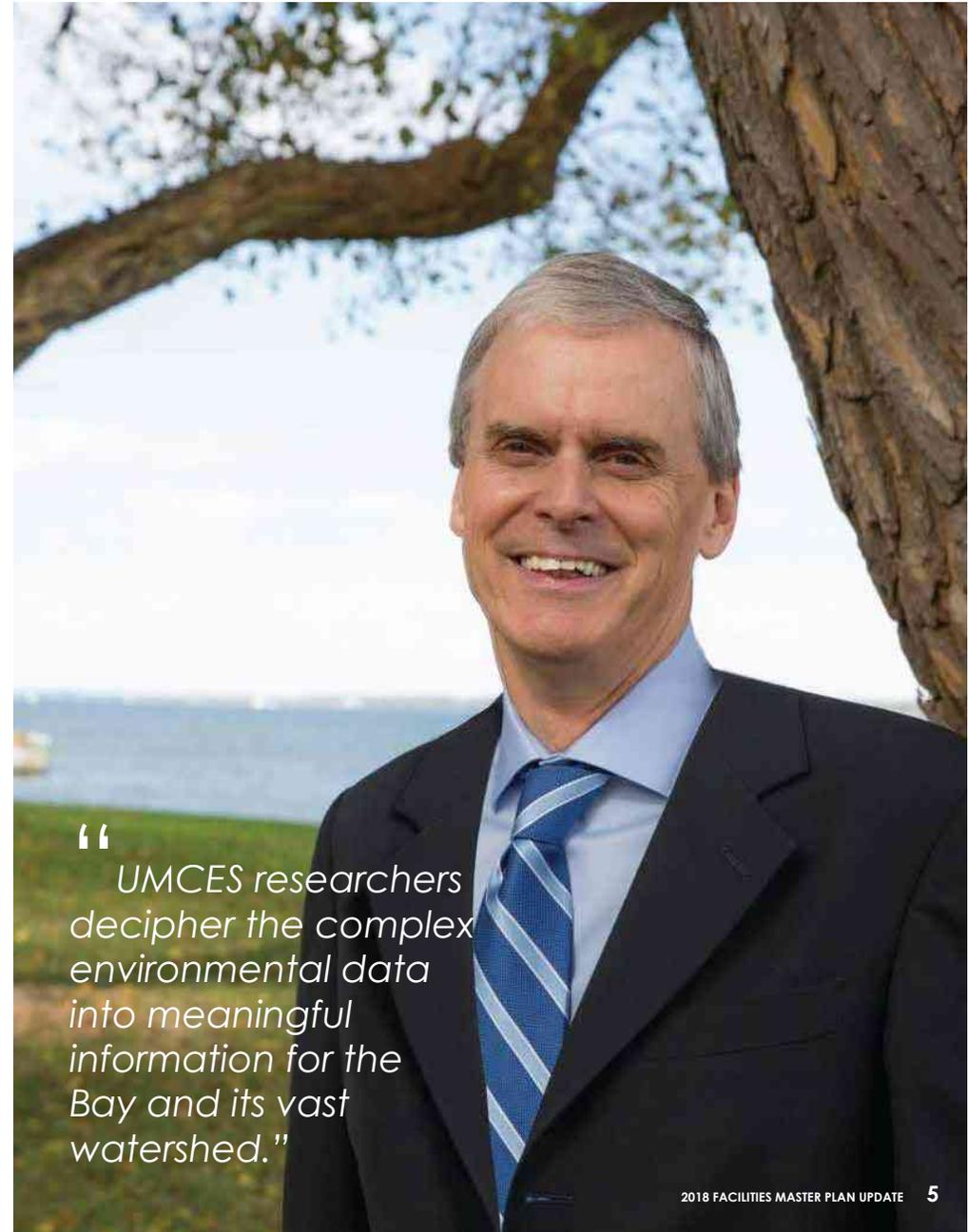
# Environmental Intelligence

Approaches to scientific research and natural resource management are being transformed by the massive volumes of data, the sophistication of models, and the complexity of questions being asked of resource managers. As identified by the National Science Foundation, Convergence Research is a means of solving vexing research problems, in particular, complex problems focusing on societal needs. It entails integrating knowledge, methods, and expertise from different disciplines and forming novel frameworks to catalyze scientific discovery and innovation.

This scientific discovery is being accelerated by collaboration across multiple disciplines through the principles of Team Science. Effective implementation of Convergence Research requires a totally new approach to the design of the physical space required and is not easily accomplished by retrofitting existing facilities. These innovation spaces have been pioneered in areas such as Silicon Valley and the Wisconsin Institutes for Discovery.

The environmental challenges Maryland faces today are very different than those in the past. We are living in the Information Age of existing and emerging data sources. In order to successfully decipher the massive and complex environmental data into meaningful information, the process requires a facility for Convergence Research specifically focused on the Chesapeake Bay and its watershed that can assist interdisciplinary teams of researchers in analyses, synthesis, and data interpretation into relevant, actionable, and digestible information for decision making of the Chesapeake Bay and its vast watershed.

Peter Goodwin  
President, University of Maryland Center for Environmental Science



“UMCES researchers decipher the complex environmental data into meaningful information for the Bay and its vast watershed.”

# Mission

Through its four laboratories and two programs across Maryland, the **University of Maryland Center for Environmental Science (UMCES)** is a research, education, and service institution of the **University System of Maryland (USM)** and a world leader in the science of coastal environments and their watersheds. UMCES faculty advances knowledge through **scientific discovery, integration, application, and teaching** that results in a comprehensive understanding of our environment and natural resources, helping to guide Maryland and the world toward a more sustainable future. Through its role as the responsible institution for administration of the Maryland Sea Grant College and numerous collaborative programs with other institutions, **UMCES leads, coordinates, and catalyzes environmental research and graduate education within the University System of Maryland.** The Integration and Application Network inspires, manages, produces, and communicates timely syntheses and assessments on key environmental issues with a special emphasis on Chesapeake Bay.

UMCES faculty members advise, teach, and serve as mentors to many graduate students enrolled in USM institutions, particularly through the System-wide graduate programs in Marine Estuarine Environmental Sciences (MEES), in which UMCES has a leading role. UMCES also delivers its services through **environmental science education programs for K-12 students and teachers, pertinent and timely information to the general public and decision-makers,** as well as **technology transfer to industries.**

UMCES contributes to meeting the legislative mandates of the University System of Maryland in numerous ways including: achieving national eminence as one of the world's premier research centers focused on ecosystem science; uniquely integrating research, public service, and education related to environmental sustainability and the natural resources of **Maryland and the Chesapeake Bay region;** leading the System's nationally ranked graduate program in marine and environmental science; recruiting and retaining a nationally and internationally prominent faculty; attaining research funding and private support far in excess of its state support; promoting economic development, conducting outreach to state and federal agencies; and **collaborating with other higher education institutions** in Maryland in advanced research and graduate education.

## Alignment with the University's Mission

*The 2018 Facilities Master Plan Update sets a long-term vision and framework formulated from inputs from all in the UMCES community. The Master Plan continues to focus on aiding the UMCES mission-critical research space needs in a multi-faceted approach of renovation, rehabilitation, renewal, and addition. The Plan is aligned with the UMCES Strategic Plan and is developed in support and advancement of the University's mission.*

Strategic Plan: Leading the development of

# Environmental Intelligence

## GOAL 1 Advance scientific innovation

UMCES is committed to utilizing environmental intelligence to understand coupled human-natural systems to forecast how they may change and to compare policy alternatives focused on the promotion of healthy, sustainable, and productive ecosystems that provide desired services while avoiding continued degradation. Throughout its rich history, UMCES has investigated how nutrients affect the Bay's water quality, what may be required to reverse the decline, how critical natural resources can be restored (oysters, blue crabs, striped bass, brook trout, American chestnut trees, clean air, clean water, carbon storage, food, and fiber), and what recreational opportunities a healthy ecosystem can provide. Now, however, we need to rise to the challenges of an increasingly complex world by developing and using sophisticated scientific tools for integration across diverse academic disciplines in order to develop a more holistic and synthetic understanding of socio-environmental systems that will serve the state, the nation, and the world.

*Environmental Intelligence (EI) may be defined as the system through which information about a particular region or process is collected for the benefit of decision-makers through the use of more than one interrelated source. UMCES is committed to working with others to develop EI that is relevant, timely, and based on rigorous scientific principles.*

## GOAL 2 Promote the transfer, engagement, and communication of scientific information

Through various programs, UMCES strives to empower faculty, staff, and students to effectively communicate and engage with multiple targeted audiences. With more effective communication skills, UMCES will build understanding of science and relevant issues, improve social and natural environments, and expand partnerships at the regional, national and global scale.



*UMCES continuously transforms lives through innovative educational experiences, as we grow our student body and expand our educational outreach.*

## GOAL 3 Transform lives through innovative educational experiences

UMCES will build upon and expand our current educational offerings by enhancing professional training for our current students, adding programming for environmental professionals, collaborating with nearby comprehensive institutions, and developing innovative programs to enhance diversity. We seek to grow our student body, expand our educational reach, and offer greater service to the citizens of Maryland and beyond. We plan to achieve these goals by changing the ways in which we teach and by teaching more students, without significantly increasing faculty teaching loads. Ultimately, we seek to transform lives through innovative educational experiences in the environmental sciences, while maintaining our current levels of excellence in research and application.

## GOAL 4 Entrepreneurship in the environmental space

Innovation is the art of utilizing knowledge and discovery to increase societal efficiency, productivity, and well-being. Entrepreneurship is exploring new avenues of economic opportunity for the benefit of communities and society as a whole. UMCES scientists have a long track record of developing new environmental and sustainability innovations, being entrepreneurial in seeking sources of funding to support their research, and collaborating with industry and private sector partners to promote positive societal impact. UMCES also fosters entrepreneurship in faculty and students to advance human well-being and stewardship of a sustainable and desirable environment and, specifically, to contribute to Maryland's economy by starting their own companies.

## GOAL 5 Cultivate a diverse, inclusive, and equitable scientific workforce

UMCES strives to enhance our creativity and innovation through an inclusive and diverse community of students, staff, and faculty which also contributes to the development of diversity in the workforce of environmental professionals.



LABORATORY PLANS

KEY PROJECTS

PLANNING PRINCIPLES

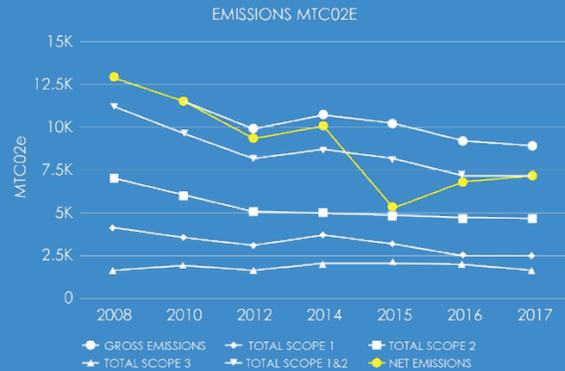
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## Environmental Highlight #1

### Institutional Greenhouse Gas (GHG) Reduction

Today, the University of Maryland Center for Environmental Science's research is needed more than ever when we look at the challenge of environmental sustainability. As our state, region, nation, and world develop, **it is critical that our leaders remain vigilant of maintaining sustainable relationships among people, natural resources, and the environment.** It is equally critical that they are able to rely on UMCES' cadre of objective experts to provide the best scientific understanding of the problems at hand.

While our research helps others live more sustainably, it is essential that we lead by example. UMCES is a signatory to the American College & University Presidents' Climate Commitment (Second Nature) and has steadily been **reducing institutional GHG emission numbers.** FY2017 numbers show approximately 31% reduction of all GHG emission since the base year in 2008.



# Process

The three laboratory campuses managed by UMCES—Appalachian Laboratory, Chesapeake Biological Laboratory and Horn Point Laboratory—pose unique geographical challenges when it comes to physical space master planning. In order to ensure a broad, open, and inclusive process, the master plan steering committee along with the consultant team engaged in multiple listening and working sessions at all three laboratories, coupled with conducting quantitative and qualitative space analyses.

**Inclusive and Open Dialogue; Quantitative Analysis; Qualitative Analysis; Scenario Planning**



# Inclusive & Open Dialogue

UMCES promotes inclusive and open dialogue by **engaging** with the laboratory community, **looking** to see how the laboratory functions today, and **listening** to challenges the community currently faces.

SAFETY SHARED EQUIPMENT  
LABORATORIES  
SHARED SERVICES FLEXIBILITY  
TEACHING LAB  
CLASSROOM  
COMPUTATIONAL LABS  
COLLABORATION  
FIELD EQUIPMENT  
EQUIPMENT SPACE  
SOLAR POWER  
IT  
UPS  
CONNECTIVITY  
CAPACITY  
POWER CAPACITY FLUCTUATION  
UTILITIES & INFRASTRUCTURE  
HVAC IMPROVEMENTS  
WELCOME CENTERS  
OUTREACH SPACE  
GUEST HOUSE  
EQUIPMENT STAGING  
INFORMAL GATHERING SPACE  
OUTDOOR IMPROVEMENTS  
LARGE MEETING SPACES  
COMMUNITY  
ACCESSIBILITY  
SITE LIGHTING AND SECURITY  
PARKING SITE WALKWAYS  
CONNECTIVITY  
EQUIPMENT TRANSPORT  
WASHDOWN SAMPLES  
FIELD RESEARCH & STORAGE  
GREENHOUSE STORAGE ARCHIVING  
HERBARIUM





## Quantitative Analysis

**30%** Research Space Deficit  
 Deficit: (-41,548) NASF Existing 95,452 NASF



**61%** Collaboration Space Deficit  
 Deficit: (-5,132) NASF Existing ,240 NASF



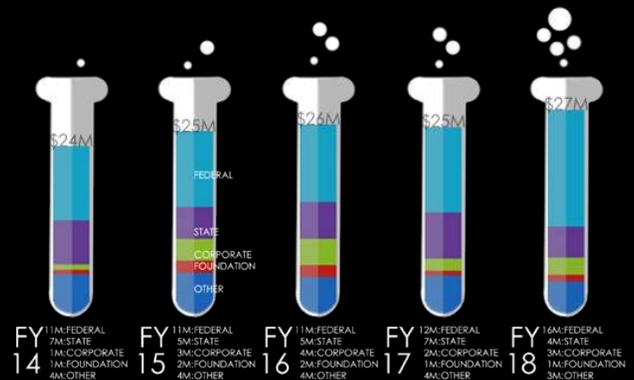
# Research + Collaboration Space Needs

Completed in December 2016, by the request from the Maryland General Assembly, **the Research space guidelines for Maryland Public Universities** set research space guidelines that more accurately reflect the space needs for researchers.

The 2014 Space Guideline Application Program (SGAP) indicates UMCES research space total at 95,452 Net Assignable Square Feet (NASF). The new guideline allowance for UMCES is calculated at 137,000 NASF - indicating **a baseline deficit of (-41,548) NASF** in research space (HEGIS 250/255).

Another space allocation with critical deficit for UMCES is in HEGIS 400 - collaboration / study / stacks space. The current inventory is at 3,240 NASF. The SGAP guidelines formulates allowance at 8,372 NASF - indicating **a baseline deficit of (-5,132) NASF** for collaboration / study / stack space.

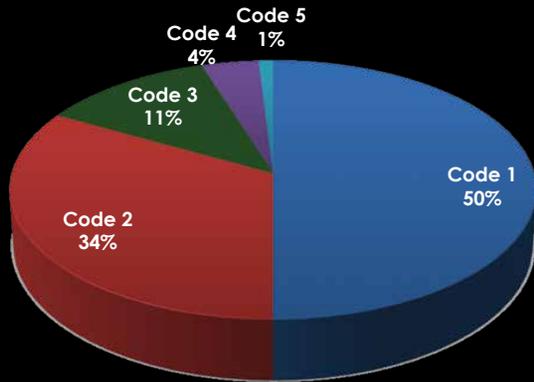
Despite the research space deficit, UMCES researchers have been continuously successful in increasing research grants and revenues.



ANNUAL RESEARCH FUNDING

# Research Rehabilitation + Renewal Needs

A large portion of UMCES' research laboratory space focuses on marine environmental science which requires use of **brackish and sea water** with a wide range of salinity and temperature. Exposure of building elements to water accelerates the facilities' deterioration rate exponentially, even with careful design and use by the faculty and students. As of Fall 2018, nearly **50% of all research space is in need of renovation**, of which 34% is in need of major renovation.



- Code 1: Satisfactory condition
  - Code 2: Need major renovation (75% deterioration)
  - Code 3: Need moderate renovation (50% deterioration)
  - Code 4: Need minor renovation (25% deterioration)
  - Code 5: Need future demolition
  - Code 6: Immediate demolition
- Obsolete Infrastructure  
Life Safety Hazard



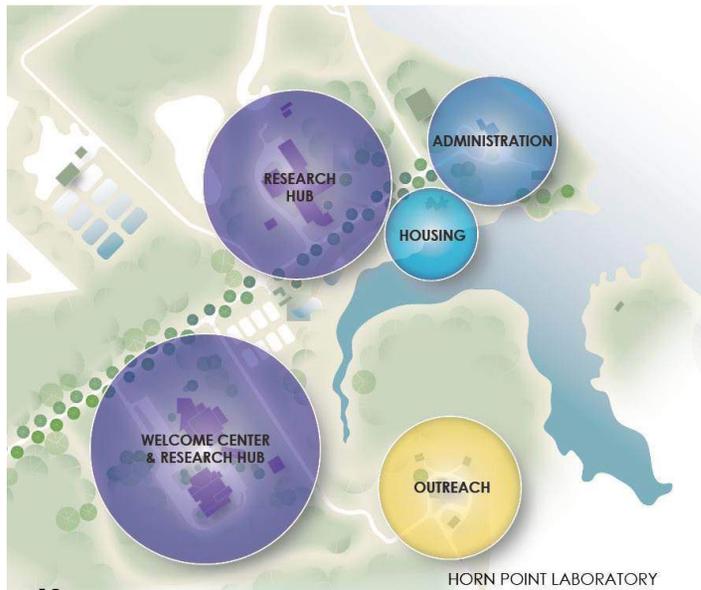
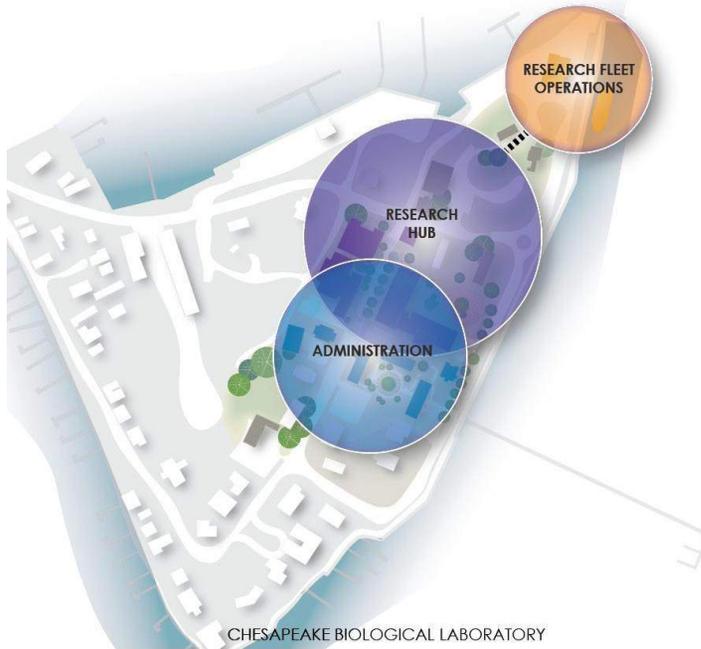
## Qualitative Analysis

Research Space Needing Renovation **50%**  
Renewal: 47,726 NASF Existing 95,452 NASF



Needing Major Renovation **34%**  
Renewal: (32,454) NASF Existing 95,452 NASF





**COLLABORATION**  
Rethinking the organization of spaces to promote collaboration and interdisciplinary learning and research.

**STRUCTURE**  
Developing an architectural approach that delivers modern spaces in geometry compatible with the structure.

**SCIENCE ON DISPLAY**  
Creating open and transparent spaces that encourage community and avoid silos or outposts.

**CRITICAL SERVICES & TECHNOLOGY**  
Delivering a backbone of critical services and technology without disrupting the architectural plan.

**FLEXIBILITY & ADAPTABILITY**  
Using modular design, movable furniture systems, strategic location of fixed equipment, and proper room proportions and layout.

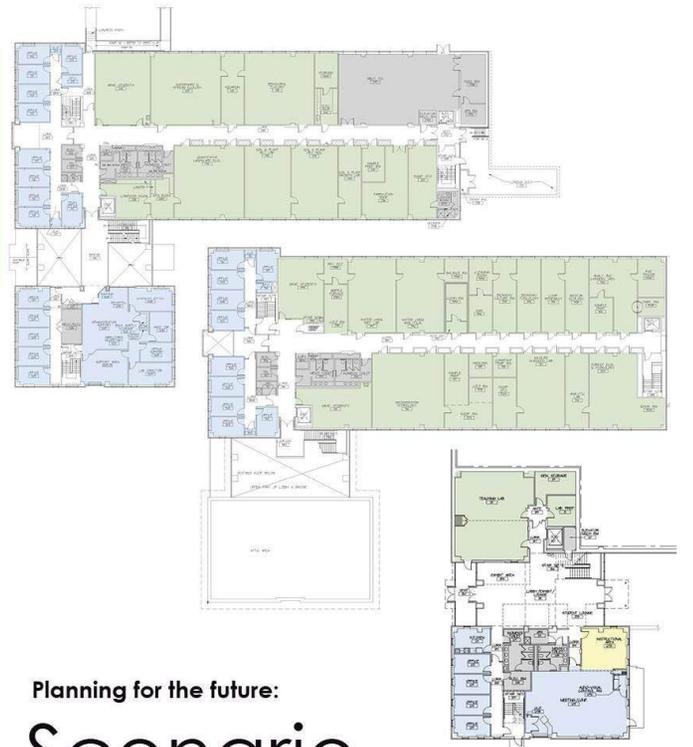
**TECHNOLOGY**  
Laboratory sizes and utilization vary and need fully integrated technology to enable multi-media and team activities.

**SUSTAINABILITY**  
Considering environmental factors, including climate change, when selecting systems and equipment.

**EXISTING EQUIPMENT INVENTORY**  
Assuring all needed services are provided to the laboratories.

**FINAL GOALS**  
Finding an approach that is both elegant and efficient, exciting and economical.

**QUALITY CONTROL**  
Enabling the best outcome for the scientists using the laboratories.



Planning for the future:  
**Scenario Planning**

Perhaps the most critical issues for successful laboratory design are flexibility, collaboration, and promoting a Team Science environment. Creating science communities with transparency and strong connections between laboratories are high priorities, and technology changes what is expected of every room. There are several critical problems to solve including: collaboration, structure, science on display, critical services & technology, flexibility & adaptability, technology, sustainability, existing equipment inventory, final goals, and quality control.

The most important issues for renovating existing laboratories is recognizing that a successful renovation should not compromise on achieving any of the emerging imperatives of modern laboratory and science teaching spaces, such as flexibility, collaboration, and promoting a learner-centric environment.



LABORATORY PLANS

KEY PROJECTS

PLANNING  
PRINCIPLES  
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PROCESS

## Environmental Highlight #2

### Truitt Laboratory wins MD-USGBC Building Award

The University of Maryland Center for Environmental Science's R.V. Truitt Laboratory Building has been awarded the 2017 U.S. Green Building Council's Maryland Community Leader Award for Higher Education in recognition of overall commitment to sustainability and efficiency.

The cutting-edge marine biology research building, located on the Chesapeake Biological Laboratory campus in Solomons, Maryland, opened in the fall of 2016. It was dedicated to Dr. Reginald V. Truitt, one of Maryland's forefathers of conservation and founder of the Chesapeake Biological Laboratory, the oldest publicly supported marine laboratory on the East Coast. The building was lauded as an example of how a highly technical scientific building can be constructed utilizing methods with low environmental impacts and long-term occupant comfort, without compromising scientific integrity.



# Planning Principles

Consistent with the UMCES Strategic Plan and after listening sessions at each of the three UMCES-managed laboratories, the master plan steering committee along with the consultant team led by Marshall Craft Associates (MCA) developed five key planning principles for the 2018 Facilities Master Plan updated as the framework to the plan.

**Research Infrastructure Renewal; Maximizing Flexible Space Management; Collaboration/Engagement/Connectivity; Energy Efficiency/Sustainability; Resiliency/Adaptation/Hazard Mitigation; Following A Better Maryland Principles**



# Planning Principles

## PRINCIPLE 1 Research Infrastructure Renewal

The mission-critical infrastructure at all laboratory campus locations is in need of major rehabilitation and renewal. Facilities Management (FM) staff at all locations have made significant impact on prolonging many major equipment beyond its life expectancy by executing and focusing on preventative maintenance. As existing buildings and infrastructures deteriorate at all UMCES laboratory locations, UMCES-FM will continue to allocate appropriate resources to protect and best manage our facilities.

## PRINCIPLE 2 Flexible Laboratory Space Management

We have been exploring and implementing Flexible Laboratory Space Management practices at all UMCES-managed laboratory campuses, when applicable, to increase efficiency and effectiveness of research activities as well as operations management. Research Laboratories vary drastically from one to another in terms of space requirements, conditions, and environmental control needs. Achieving complete flexibility in research space is difficult, but UMCES has been successful in maximizing flexibility by clustering laboratories according to their science discipline in order to maximize fluid use of space as research needs ebb and flow.

## PRINCIPLE 3 Collaboration & Engagement

UMCES faculty, students, and staff excel in collaboration and engagement. Scientific discovery is being accelerated by collaboration across multiple disciplines through the principles of team science. As the environmental challenges Maryland faces today are very different than those in the past, so must be our approaches on physical space utilization.

UMCES will explore new ways to retrofit the existing space to promote the changing pedagogy to a collaboration-centered research and learning environment. UMCES will only explore, as the last resort, adding new space when renovation and rehabilitation does not satisfy the program space demands.

Collaboration, Engagement and Connectivity

Maximize Flexible Space Management

Research Infrastructure Renewal

Resiliency, Adaptation & Hazard Mitigation

Energy Efficiency & Sustainability

Resiliency & Hazard Mitigation

Energy Efficiency & Sustainability

*It is critical that we remain vigilant—maintaining sustainable relationships among people, natural resources, and the environment.*

## PRINCIPLE 4 Energy Efficiency & Sustainability

Today, UMCES' research is needed more than ever when we look at the challenge of environmental sustainability. As our state, region, nation, and world develop, it is critical that we remain vigilant—maintaining sustainable relationships among people, natural resources, and the environment. It is equally critical that UMCES as an institution lead by example on energy efficiency and sustainability in our practices. In recent years, UMCES has made significant efforts on reducing institutional greenhouse gas emissions by completing a 2MW solar project along with continued infrastructural upgrades with more energy efficient fixtures and equipment.

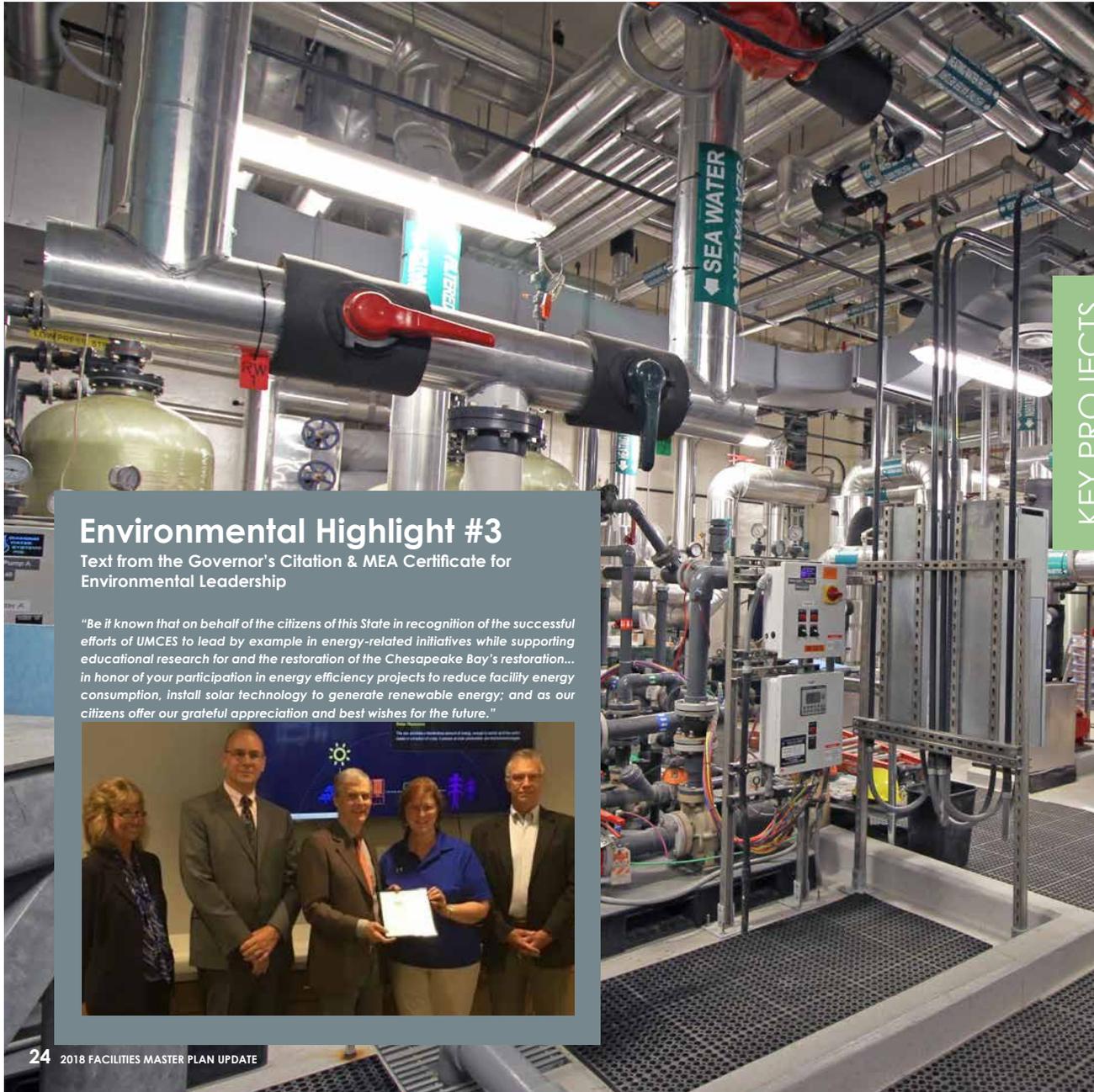
## PRINCIPLE 5 Resiliency & Hazard Mitigation

Due to the geographical locations of the UMCES research laboratory campuses on the Chesapeake Bay and in the mountains of Western Maryland, UMCES faces many seasonal natural climate hazards in various different forms. As UMCES continues to upgrade the facilities and infrastructure into energy-efficient and sustainable systems, we must develop with resiliency and hazard mitigation in mind. The Research Fleet Operation's concrete bulkhead rehabilitation project demonstrates UMCES' commitment to developing with resiliency and hazard mitigation principles

## PRINCIPLE 6 A Better Maryland Principles

UMCES' Facilities Master Plan Update follows *A Better Maryland* planning guide to promote the general welfare and prosperity of the people of the State through the following goals:

- Enrich the lives of Marylanders
- Use smart growth principles
- Grow responsibly
- Protect Maryland's resources



LABORATORY PLANS

KEY PROJECTS  
2012 - 2018  
2018 MASTER PLAN UPDATE  
PAGES 24 - 31

PLANNING PRINCIPLES

PROCESS

### Environmental Highlight #3

Text from the Governor's Citation & MEA Certificate for Environmental Leadership

*"Be it known that on behalf of the citizens of this State in recognition of the successful efforts of UMCES to lead by example in energy-related initiatives while supporting educational research for and the restoration of the Chesapeake Bay's restoration... in honor of your participation in energy efficiency projects to reduce facility energy consumption, install solar technology to generate renewable energy; and as our citizens offer our grateful appreciation and best wishes for the future."*



# Key Projects 2012-2018

By managing institutional funds in the most efficient and effective manner, UMCES was able to complete a number of key projects in the first 5 years of the 10-year facilities master plan (FMP) with great success. This contribution of continuously and tirelessly supporting research activities at all laboratory campuses is one of UMCES' distinctive hallmarks.

**Truitt Replacement Laboratory; 2MW Solar Field and Solar Carport; R.V. Rachel Carson Bulkhead Rehabilitation; Morris Marine Laboratory Phased Renovation**





# Truitt Replacement Laboratory

Completed in September of 2016, the 14,000-square-foot, **award-winning LEED building** boasts five state-of-the-art research laboratories and one-of-a-kind experimental facilities, including seawater laboratories and controlled environmental chambers. Fine temperature controls allow scientists to conduct experiments with Arctic clams in freezing water or coral reef fish in balmy conditions, and lights can be programmed to mimic a slow sunrise or setting sun to recreate natural conditions in the laboratory.

The R.V. Truitt Laboratory building incorporates a number of sustainable design elements. A 450-ton modulating air cooled chiller allows for the total load of the Truitt building and other campus buildings to be met while reducing energy consumption. The total energy savings for this building has resulted in 1.49 billion BTUs decrease annually, about a **28% energy saving**.



**1.49 BTU**  
ANNUAL DECREASE



**28% REDUCTION**  
TOTAL ENERGY



**MD - USGBC**  
BUILDING OF THE YEAR

# 2MW Solar Field & Solar Carport

Completed in March of 2018, the University of Maryland Center for Environmental Science (UMCES) Solar Project, located at the Horn Point Laboratory in Cambridge, Maryland, represents a major step toward **carbon neutrality** and complete sustainability. The roughly 11,000 solar panels contained in the 10-acre, 2 MW installation will produce an average of 3,750 MWH of electrical power every year, which is more than half of the power consumed by the entire campus.

The solar parking canopy, made possible through the efforts of the Maryland Energy Administration, will provide shelter for 46 vehicles and access to 4 Electric Vehicle (EV) charging stations. This project is representative of the mission of UMCES to be a **leader in environmental research** and education by leading through example.



**3,678,609.5 lbs**  
CARBON OFFSET



**77,986.5 GALLONS**  
GALLONS OF GAS



**1,769.1 TREES**  
TREES SAVED





# RV Rachel Carson Bulkhead Rehabilitation

Completed in January 2015, the rehabilitation of the Research Fleet Operation (RFO) bulkhead was an imperative site **infrastructure facilities renewal** project to the operation of Research Vessel Rachel Carson and the many critical UMCES researchers' ongoing research investigation.

A survey of the approximately 260' of mixed composite bulkhead surrounding RFO revealed some completely deteriorated areas with large gaps between existing timber to the extent that divers had difficulty finding timbers to perform the pick test. The completed 125' section of the new Z-steel sheet pile concrete bulkhead rehabilitation work improves the area in need of most critical repair.

The project is a perfect demonstration of a **resiliency project** that will protect mission critical infrastructure to UMCES and its marine research operations capabilities.



**RESILIENCE**  
WEATHER EVENTS



**RENEWAL**  
SITE INFRASTRUCTURE



**EFFICIENCY**  
MARINE OPERATIONS

# Morris Marine Laboratory Laboratory Phased Renovation

Morris Marine Laboratory, the original seawater research facility at the University of Maryland Center for Environmental Science's (UMCES) Horn Point Laboratory (HPL) is in critical need of systematic renovation. Continued delays in the UMCES capital project queue have pushed this building renovation project further out each year. With lack of funds to support comprehensive complete renovation of the entire laboratory building, UMCES has been **utilizing operating and capital facilities renewal funds** to support phased infrastructure renovation efforts to keep critical research laboratory space operational. The phase I scope included the front lobby and majority of the faculty office space.

UMCES will continue with Phase II renovation, which will focus primarily on the research laboratory wings and related mechanical, electrical, and plumbing upgrades of the failing infrastructure.



**INTERACTIVE**  
COLLABORATION SPACE



**RENEWAL**  
BUILDING INFRASTRUCTURE



**EFFICIENCY**  
RESEARCH ACTIVITIES



## Environmental Highlight #4

### MDE Green Registry Leadership Award

The University of Maryland Center for Environmental Science's Sustainability and Facilities teams have won the Maryland Department of the Environment's Maryland Green Registry Leadership Award for 2018.

The Maryland Green Registry Leadership Award recognizes organizations that have shown a strong commitment to the implementation of sustainable practices, the demonstration of measurable results, and the continual improvement of environmental performance. The winners represent a variety of facility types and sizes, but all have several key factors in common that contribute to their success: an organization-wide commitment to environmental performance, green teams that meet on a regular basis, annual environmental goals, and measurements of results.



LABORATORY  
PLANS  
2018 MASTER PLAN UPDATE  
PAGES 34 - 39

KEY PROJECTS

PLANNING PRINCIPLES

PROCESS

# Laboratory Plans

Building from the framework developed in the 2012 UMCES 10-Year Facilities Master Plan, the 2018 5-Year Update provides up-to-date, relevant project priorities by each UMCES-managed laboratory campus. The recommended three priority projects for each laboratory represents the target development projects most critical to each campus.

**Appalachian Laboratory; Chesapeake Biological Laboratory; Horn Point Laboratory; Annapolis Center**



Master Plan Update 2018

# Appalachian Laboratory

## A1: Interior Renovation/ Space Reallocation

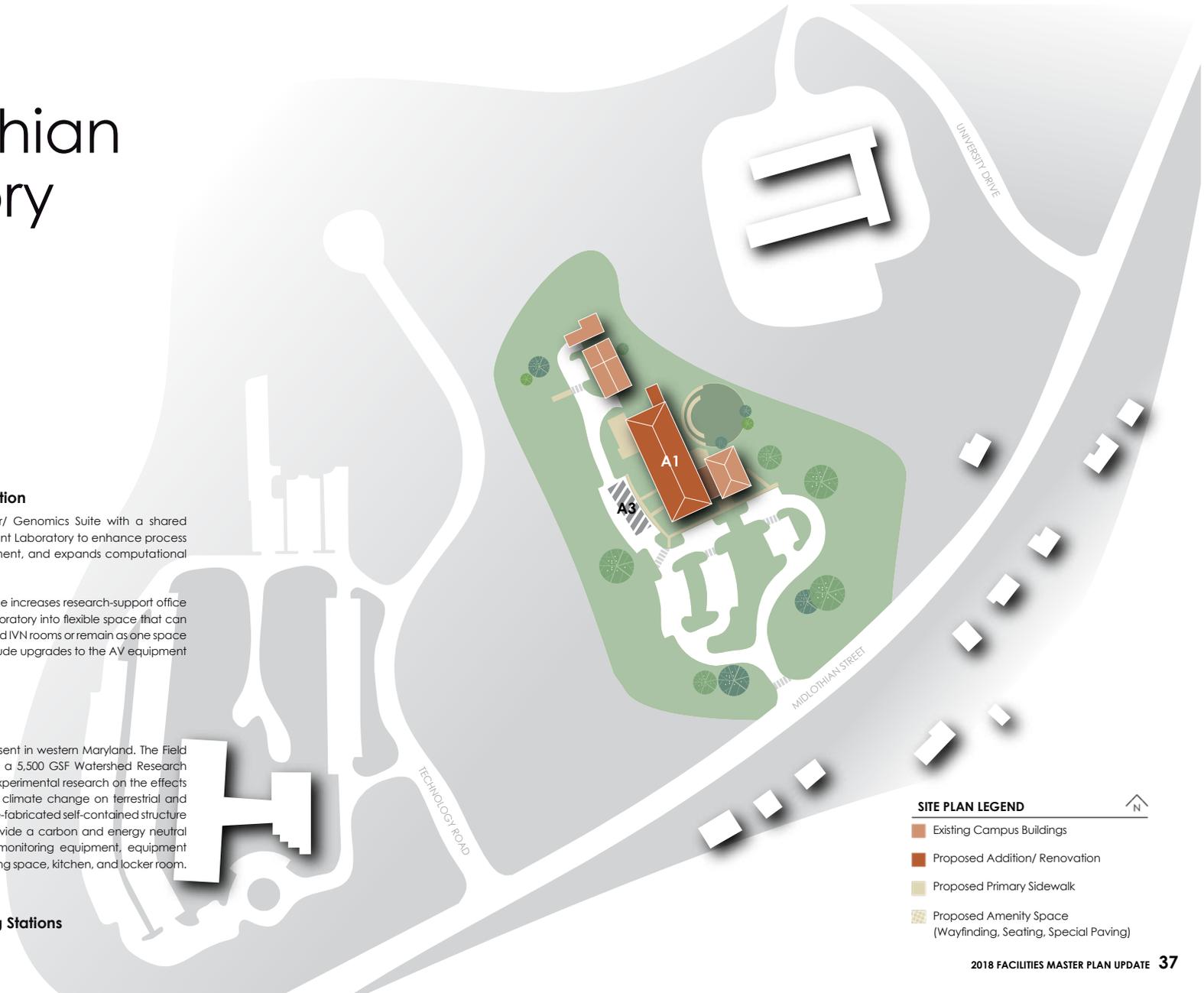
The interior renovation establishes a Molecular/ Genomics Suite with a shared centralized core laboratory, subdivides Soil & Plant Laboratory to enhance process flow, consolidates mass spec and CASIF equipment, and expands computational laboratory services on each laboratory floor.

Capturing adjacent underutilized laboratory space increases research-support office space and re-purposes the existing Teaching Laboratory into flexible space that can either be subdivided into individual conference and IVN rooms or remain as one space to support large assemblies. Renovations also include upgrades to the AV equipment in the existing library to provide IVN.

## A2: Field Research Station

Currently a watershed research station is not present in western Maryland. The Field Research Station will include the construction of a 5,500 GSF Watershed Research Station on State forest land to support intensive experimental research on the effects of land disturbances, land use conversions, and climate change on terrestrial and freshwater ecosystems. The building could be a pre-fabricated self-contained structure having expansion capabilities with a goal to provide a carbon and energy neutral facility. The facility would house a laboratory, monitoring equipment, equipment storage, classrooms, field prep and staging, meeting space, kitchen, and locker room.

## A3: Solar Parking Canopy & EV Charging Stations



### SITE PLAN LEGEND

- Existing Campus Buildings
- Proposed Addition/ Renovation
- Proposed Primary Sidewalk
- Proposed Amenity Space (Wayfinding, Seating, Special Paving)

MASTER PLAN UPDATE 2018

# Chesapeake Biological Laboratory

## C1: Chesapeake Analytics Collaborative Building (CACB)

The Chesapeake Analytics Collaborative Building (CACB) will empower the discovery, interpretation, and communication of meaningful patterns in data and information to support the restoration of the Chesapeake Bay and similar ecosystems around the world. Research performed at the CACB will help guide policy development and identify best uses of over \$60 million per year in State, Federal, and UMCES restoration program investments that will directly benefit Chesapeake Bay restoration efforts.

One-hundred and fifty USM Marine Estuarine Environmental Science (MEES) graduate students and 200 faculty members who are focused on studying the Chesapeake Bay will have an interdisciplinary, technology-enabled data synthesis center that is directly related to their research and the education and training of our next-generation environmental scientists. Our institution has accomplished many milestones in recent years. Given the potential major impact on our society of climate change and sea-level rise, the study of these large-scale environmental shifts has never been more vital to accomplishing the mission of our institution.

## C2: Bernie Fowler Laboratory - Infrastructure Upgrade

Proposed infrastructure upgrades to the Bernie Fowler Laboratory involve a 13,000 nsf renovation project to update various building systems and to integrate flexible laboratory design for interdisciplinary clusters to share equipment in accordance with Good Laboratory Practices.

Subdividing the building into two-story quadrants allows for distinct phases of renovation—phased renovation will allow for existing laboratories to remain active while other portions of the building are under construction. Displaced laboratories will be housed in temporary laboratory trailers (approximately 5,000 gsf) during their respective renovations.

## C3: Cory Hall Renovation

The Cory Hall Renovation project (3,200 nsf) is an upgrade to building systems and infrastructure that will support research laboratory space for water quality and nutrient analysis, in addition to related research training rooms.



### SITE PLAN LEGEND

- Existing Campus Buildings
- Proposed Addition/ Renovation
- Proposed Primary Sidewalk
- Proposed Amenity Space (Wayfinding, Seating, Special Paving)



Master Plan Update 2018

# Horn Point Laboratory

## H1: Morris Marine Laboratory - Phased Renovation

The building renovation will be completed by incorporating up to eight bio/chem laboratories and shared laboratory support rooms.

## H2: Coastal Science Replacement Laboratory

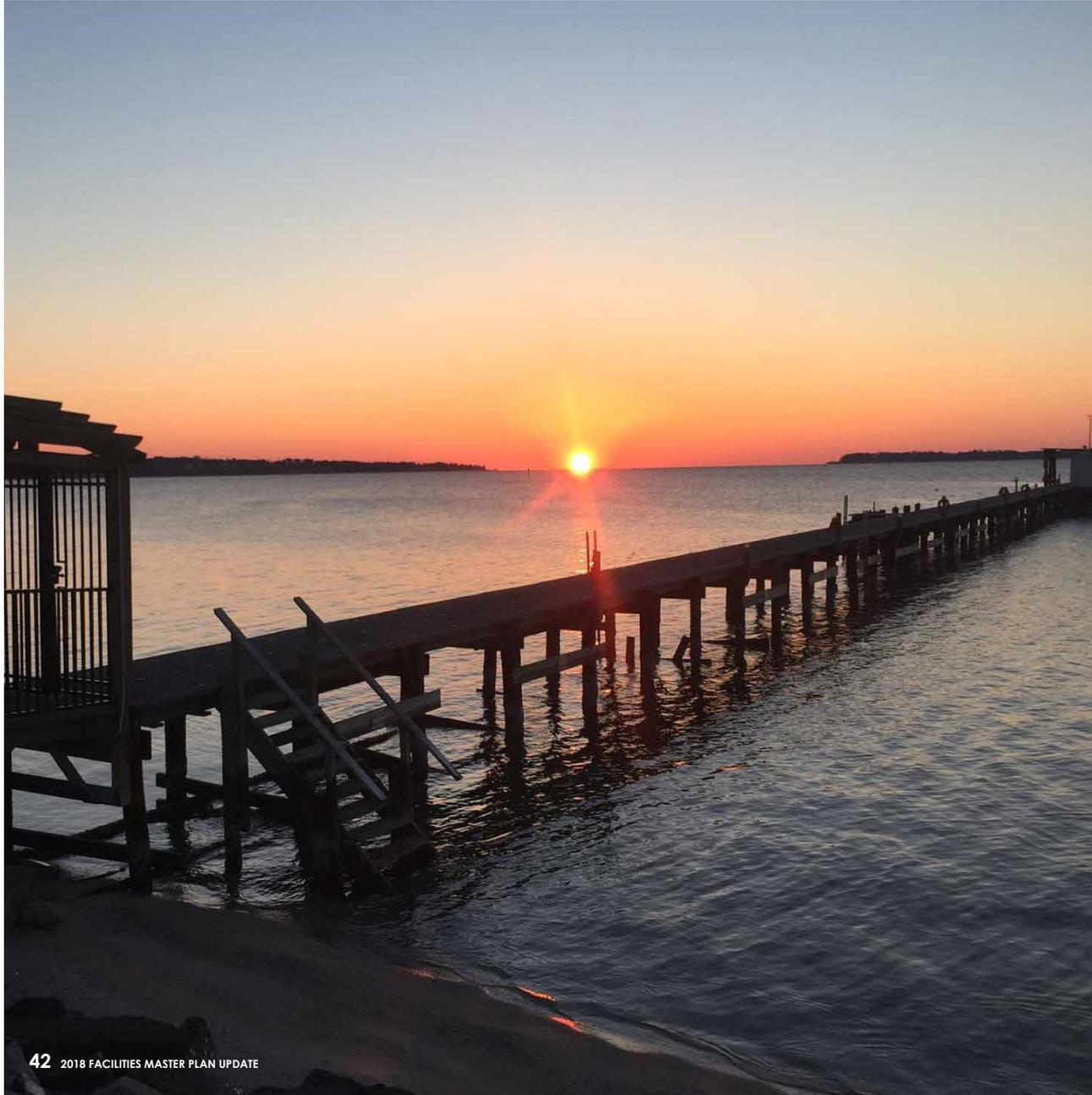
A point of emphasis for the building will be as a welcome center, central meeting place, and collaboration hub on campus supporting teaching programs, certificate programs, seminars, distance learning, and conferences. To accommodate this function, the main entrance would be reconfigured to include a 4,000 nsf addition with main lobby/ exhibition space, a 200-seat tiered auditorium, collaboration area, and a library/ media center.

A full renovation of CSL's remaining 19,822 nsf includes complete infrastructure upgrades and building envelope improvements that will support a teaching laboratory, biology/chemistry laboratories, computational laboratories, shared support laboratories, storage, offices, and conference rooms.

## H3: Campus Connectivity and Infrastructure Upgrade

Incorporating a paved landscaped pedestrian walkway and bike path along Dupont Drive enhances inter-campus connectivity, connecting two predominant campus hubs: dormitories and AREL to the north and Coastal Sciences Laboratory and Morris Marine Laboratory to the south. Features of the pathways include site lighting, seating, signage, and information stations.





# Acknowledgments

## Leadership

Peter Goodwin	President
William Dennison	Vice President for Science Applications
Larry Sanford	Interim Vice President for Education
Margel Highet	Interim Vice President of Institutional Advancement
Lynn Rehn	Vice President for Administration
Dave Nemazie	Chief of Staff

## Laboratory Directors

Eric Davidson	Director, Appalachian Laboratory
Russell Hill	Director, Institute of Marine and Environmental Technology
Thomas Miller	Director, Chesapeake Biological Laboratory
Fredericka Moser	Director, Maryland Sea Grant College
Mike Roman	Director, Horn Point Laboratory

## Focus Groups

- Horn Point Laboratory Community
- Chesapeake Biological Laboratory Community
- Appalachian Laboratory Community
- Faculty Senate
- Administrative Council
- Graduate Student Council
- Staff Council
- Facilities Advisory Committee

## Facilities Master Plan Steering Committee

Ray Cho	Director of Facilities Administration
Stacy Hutchinson	Associate Director of Administration (CBL)
Brian Duke	Facilities Manager (CBL)
Heather Johnson	Assistant Director (AL)
Barbara Jenkins	Senior Research Administrator (AL)
John Piasecki	Facilities Manager (AL)
Katie Kline	Laboratory Manager (AL)
Curtis Henry	Assistant Director (HPL)
Kurt Florez	Chief Information Officer (HPL)
Jeff Miley	Assistant Director for Facilities (HPL)

## Consultants

Marshall Craft Associates, Inc.	
John Morrel	Principal in Charge
J. Thomas Hyde	Project Manager
Alyssa Brown	Architectural Designer

Page / SST Planners	
Chris Cowansage	Principal and Laboratory Planner
Malena Aquino	Principal and Laboratory Planner

MCA | ARCHITECTURE

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**TOPIC:** Salisbury University: Real Property Acquisition

**COMMITTEE:** Finance

**DATE OF MEETING:** November 19, 2019

**SUMMARY:** Salisbury University (the “University”) requests approval from the Board of Regents to acquire a fee simple interest in three parcels totaling 8.6 acres from the Salisbury University Foundation (the “Seller”). The parcels are located at 1501 Court Plaza Lane, 1510 S. Salisbury Boulevard, and 307 Kay Avenue (together, the “Property”) – all in Salisbury, Maryland.

- Parcel 147 (1501 Court Plaza Lane) currently has three mix-use commercial buildings located on the property. Two of the buildings are vacant, and one has two tenants who will vacate by December 31, 2019.
- Parcel 592 (1510 S. Salisbury Boulevard) is a gravel lot currently used for overflow parking.
- Parcel 148 (307 Kay Avenue) has a vacant home located on the property.

All existing structures will be demolished and removed after purchase, prior to subsequent development. As shown on the attached site map, the property is strategically located immediately south of the campus.

The University intends to develop the parcel into critically needed student housing (750 beds) as a result of three student residence facilities that have reached the end of their useful life (606 beds). As has been the practice in the past, the Foundation has assisted the University in acquiring properties of strategic importance.

**SELLER:** Salisbury University Foundation, Inc.

**APPRAISALS:** W.R. McCain & Associates, \$6,020,000 (9/17/19)  
Trice Group, LLC, \$6,300,000 (8/29/19)

**ALTERNATIVES:** The alternative is to explore other options to develop new student housing either on the campus or by acquiring other real property.

**FISCAL IMPACT:** The purchase price for the Property is \$6 million. The source of funds for this acquisition is System auxiliary revenue bonds.

**CHANCELLOR’S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents approve the acquisition of the properties using System auxiliary revenue bonds as described above, consistent with the University System of Maryland Procedures for the Acquisition and Disposition of Real Property.

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COMMITTEE RECOMMENDATION: \_\_\_\_\_ DATE: \_\_\_\_\_

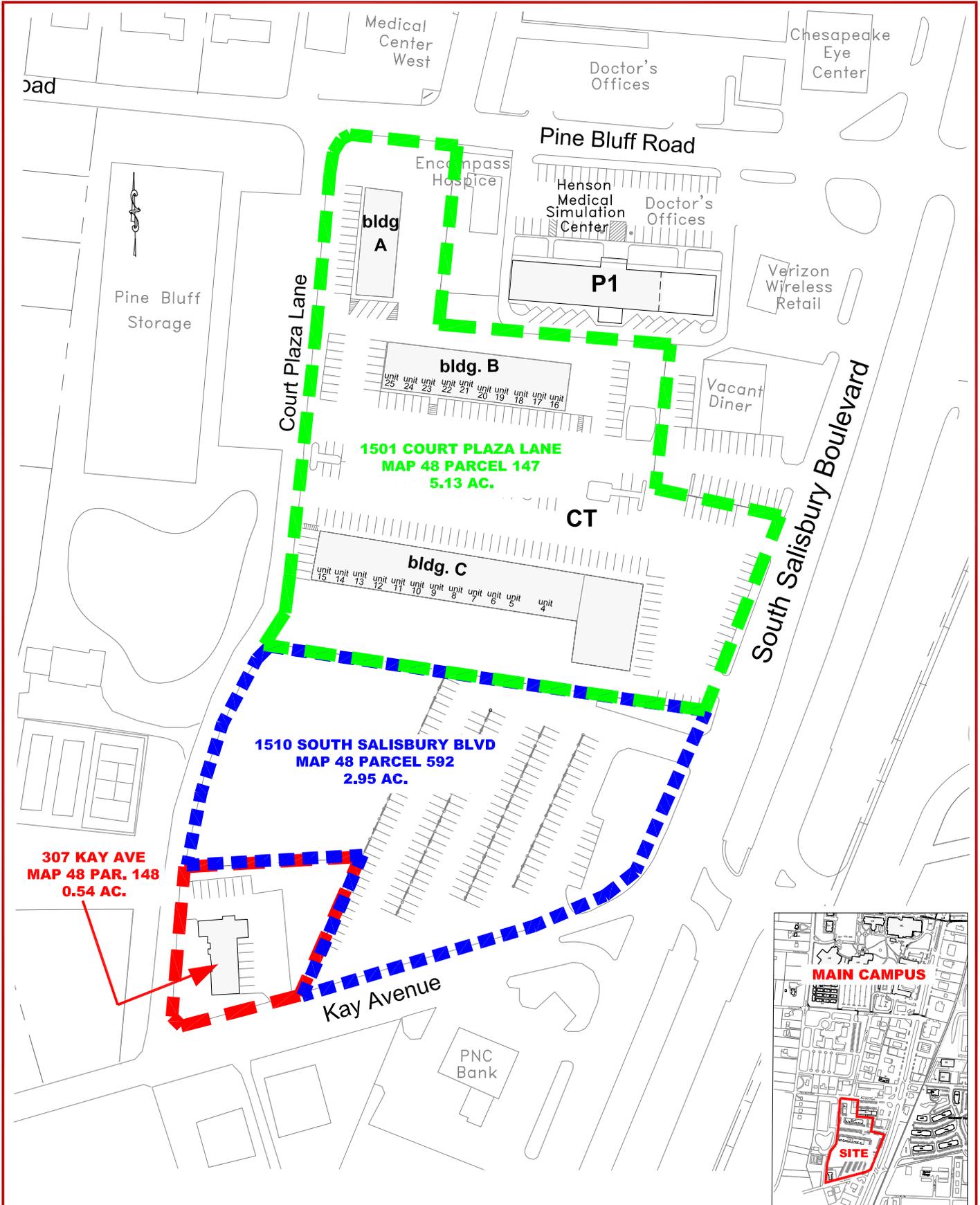
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BOARD ACTION: \_\_\_\_\_ DATE: \_\_\_\_\_

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**COURT PLAZA AREA  
8.6 TOTAL ACRES**



**SALISBURY UNIVERSITY**  
FACILITIES & CAPITAL MANAGEMENT/  
ARCHITECTURAL & ENGINEERING SERVICES

October 02, 2019

EJB/II



**TOPIC:** Salisbury University: New Housing Complex

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** Salisbury University (SU) requests Board of Regents approval to build a new 285,000 GSF housing project on 8.6 acres of property to be purchased from the Salisbury University Foundation (“Foundation”).

The construction of new, critically needed housing (750 beds) is part of the approved University Facilities Master Plan, as a means to replace three existing housing structures (606 beds) that have reached the end of their useful life.

The Foundation had previously acquired this strategic property on behalf of the University, and began the process of potential development of housing. The Foundation engaged a consultant, Margraves Strategies, in December of 2017. Margraves developed an RFP on behalf of the Foundation and directly solicited developers. The RFP issued by the Foundation envisioned a broader mixed use development to include a hotel and other amenities, in addition to student housing. Members of the Foundation Board and staff from the University participated on the Evaluation Committee. The group reviewed and evaluated proposals from three development teams. Following its review, the Evaluation Committee selected the team of Greystar-EDR Development as the developer; Harkins Construction Company as general contractor; and Design Collective, Inc. as the architect. The Foundation signed a Pre-Development Contract with Greystar that obligates the Foundation to pay for costs incurred to date, estimated to be \$1.6 million.

The project as conceived, however, has not proven affordable in terms of providing student housing at reasonable rates, given the financing available to the developer. Thus the University is seeking to acquire the real property from the Foundation and develop the student housing portion of the project only, through Auxiliary Bond Funds. The project is expected to cost \$86.5 million, including \$500,000 of site prep work, and would be financed through USM 20-year auxiliary revenue bonds. The University would assume management of the housing facility upon substantial completion of the project, potentially slated for Fall 2022.

Similar to current new housing projects at the University of Maryland, College Park and Frostburg State University, the housing would be delivered via design-build contracts managed by the College Park Capital Projects Service Center, possibly based on architectural bridge documents provided by the current architect (DCI). The design-build contractor would be selected via a competitive, advertised process in full compliance with USM procurement procedures.

**ALTERNATIVE(S):** The University could defer development of new housing and continue to dedicate valuable resources toward the continuous renovation and repair of current housing. However, this opportunity to develop a strategically located parcel of land directly adjacent to the campus provides a key advantage for the institution.

**FISCAL IMPACT:** The total estimated cost is \$86,500,000 (Planning, Construction, and Equipment). The source of FY 2020 through FY 2022 funding includes \$86,500,000 from auxiliary revenue bonds. A separate item will formalize the authority to use revenue bonds, via an amendment to the bond resolution, required under the Indenture of Trust associated with issuing System revenue bonds.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents approve funding a new Housing Complex through the use of up to \$86,500,000 of University System of Maryland revenue bonds, as described above.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**BOARD OF REGENTS**

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

**TOPIC:** University System of Maryland: Second Amendment to the Forty-First Bond Resolution—Auxiliary Facility and Tuition Revenue Bonds

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The Board of Regents has previously adopted forty-one bond resolutions, with amendments, authorizing the issuance of University System of Maryland Auxiliary Facility and Tuition Revenue Bonds. The proposed second amendment to the Forty-First Resolution authorizes the issuance of Revenue Bonds to finance an additional \$92.5 million, made up of \$6.0 million for the acquisition of the Court Plaza property from the Salisbury University Foundation and any demolition or site preparation costs, and \$86.5 million to construct the student housing project, bringing the total Resolution to \$226,631,000 of academic and auxiliary facilities projects.

The purpose of this amendment is to add the student housing project and the land acquisition on the Salisbury University campus to the Auxiliary Facilities Project list originally submitted in the Forty-First Bond Resolution.

**BOND COUNSEL:** Miles & Stockbridge P.C.

**ALTERNATIVE(S):** The project may be delayed without this authorization.

**FISCAL IMPACT:** Issuance of an additional \$92,500,000 of bonds would result in debt service of approximately \$7,363,000 per year for 20 years at 5.0%.

**CHANCELLOR’S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents approve the Second Amendment to the Forty-First Bond Resolution.

COMMITTEE RECOMMENDATION:

DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Ellen Herbst (301) 445-1923

**SECOND AMENDMENT TO**  
**FORTY-FIRST BOND RESOLUTION**  
**OF THE BOARD OF REGENTS OF THE**  
**UNIVERSITY SYSTEM OF MARYLAND**

**SECOND AMENDMENT TO  
FORTY-FIRST BOND RESOLUTION  
OF THE BOARD OF REGENTS OF THE  
UNIVERSITY SYSTEM OF MARYLAND**

**RECITALS**

**WHEREAS, pursuant to Title 19 of the Education Article of the Annotated Code of Maryland (2018 Replacement Volume and 2018 Supplement) ("Title 19"), the University of Maryland System (the "System") is authorized to issue bonds for the purpose of financing or refinancing all or any part of the costs of the acquisition, construction, reconstruction, equipment, maintenance, repair, renovation and operation of one or more "projects", as such term is defined in Title 19, of the System;**

**WHEREAS, pursuant to the authority provided in Title 19, and pursuant to a Resolution of the System adopted on May 3, 1989, the System approved the Indenture (as hereinafter defined) providing for the issuance of one or more series of bonds from time to time for the purposes described in Title 19;**

**WHEREAS, pursuant to the authority provided in Title 19, and pursuant to a Resolution of the System adopted June 14, 1995, the System approved the Supplemental Indenture (as hereinafter defined) supplementing and amending the Original Indenture in furtherance of the purposes described in Title 19;**

**WHEREAS, pursuant to the authority provided in Title 19, the Indenture and the Forty-First Bond Resolution of the Board of Regents of the University System of Maryland adopted on June 21, 2019 as amended by an Amendment to Forty-First Bond Resolution adopted on September 20, 2019 (together, the "Forty-First Bond Resolution"), the System authorized the issuance and sale of up to \$134,131,000 aggregate principal amount of its University System of Maryland Auxiliary Facility and Tuition Revenue Bonds on one or more Issuance Dates (as defined in the Forty-First Bond Resolution) in one or more series from time to time, subject to the terms and conditions of the Forty-First Bond Resolution and the Indenture and secured by and payable from the Trust Estate pledged under the Indenture;**

**WHEREAS, as permitted by Section 5.04 of the Forty-First Bond Resolution, the System has determined to amend the Forty-First Bond Resolution to add an additional Auxiliary Facility Project as a Project for which the Forty-First Bond Resolutions Bonds may be used and to increase the principal amount of Forty-First Resolution Bonds authorized thereby;**

**WHEREAS, the System desires that this Forty-First Bond Resolution serve and constitute as a declaration of official intent within the meaning of, and for the purposes set forth in Section 1.150-2 of the Income Tax Regulations prescribed by the U.S. Treasury Department.**

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE UNIVERSITY OF MARYLAND SYSTEM THAT:**

## **ARTICLE I**

### **DEFINITIONS**

**Except as otherwise provided herein, all capitalized terms contained in the Indenture and the Forty-First Bond Resolution when used in this Amendment shall have the same meaning herein as set forth in the Indenture and the Forty-First Bond Resolution.**

## **ARTICLE II**

### **AMENDMENTS TO FORTY-FIRST BOND RESOLUTION**

**Section 2.01. Increase in Principal Amount of Forty-First Resolution Bonds Authorized. The Forty-First Bond Resolution is hereby amended by deleting the number "\$134,131,000" and inserting in lieu thereof "\$226,631,000" in each place in which such numbers and words appear.**

**Section 2.02. Additional Auxiliary Facilities Project Authorized.** The following "auxiliary facility" project is hereby added as a "project" authorized by Section 2.04 of the Forty-First Bond Resolution and the proceeds from the issuance and sale of the Forty-First Resolution Bonds shall be used for the purposes of financing or refinancing the cost of any one or more of the following projects::

**Salisbury University**

**New Housing Complex**

**As further identified and described in Agenda Items of even date herewith relating to the acquisition of land and the construction of the housing project**

**Section 2.03. Declaration of Official Intent.**

**The System reasonably expects to pay costs permitted by this amendment to the Forty-First Bond Resolution with respect to the Projects described in Section 2.04 prior to the issuance of the Forty-First Resolution Bonds and reasonably expects that certain proceeds of the Forty-First Resolution Bonds will be used to reimburse the System all or a portion of such prior expenditures paid by the System. Because the System intends that the interest on the Forty-First Resolution Bonds will be excludable from the gross income of the holder for purposes of federal income taxation, the System intends that this Amendment to Forty-First Bond Resolution shall be and constitute a declaration of official intent within the meaning of Section 1.150-2 of the Income Tax Regulations prescribed by the U.S. Treasury Department.**

**ARTICLE III**

**EFFECTIVE DATE**

**Section 3.01. Effective Date. This Amendment shall be effective on the date of its adoption by the Board of Regents**

**ADOPTED, this \_\_\_\_ day of \_\_\_\_\_, 2019.**



## BOARD OF REGENTS

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

**TOPIC:** University of Maryland Eastern Shore: Increase in Authorization for Construction of an Agricultural Research and Education Center

**COMMITTEE:** Finance

**DATE OF MEETING:** November 19, 2019

**SUMMARY:** The University of Maryland Eastern Shore (UMES) requests Board approval of an increase in cost for a construction project to establish an Agricultural Research and Education Center (AgREC) on its campus.

The project was originally approved by the Board of Regents in February of 2018, for a budget amount of \$9.5 million. At the current stage of preliminary design, due solely to significant market changes since the original estimate, the cost of the project is estimated at \$13.95 million. The most recent cost is based on the hard bids prepared for the UMES Pharmacy project immediately adjacent to the proposed AgREC site and escalated through a Sept 2020 bid date.

The proposed Center is planned as an agricultural research, teaching and extension facility totaling approximately 16,200 NASF and 23,100 GSF including: a small tiered auditorium, specialized research laboratories (Soil & Water Quality, Microbiology/Plant Pathology, Genomics/Molecular Biology, and Animal Science), and meeting rooms, as well as researcher, extension agent and staff offices and support spaces. The project also encompasses three (3) Research Greenhouses, including a head house, that represent 6,000 NASF and 7,500 GSF of the total project, including: walk-in growth chambers, soil handling and plant preparation areas, washing stations for large and small pots/trays, and walk-in cold rooms for storing water, soil, and plant samples and seeds.

The proposed project location for the new AgREC facility is the Hydroponic Greenhouse site, adjacent to and just east of the Food Science and Technology Center. The AgREC will replace a large commercial greenhouse that was partially destroyed by fire in 2011 and rendered unusable.

The project is expected to cost \$13.95 million dollars and the source of the funding will be as follows:

• USDA-NIFA 1890 CBG Program (in hand)	\$6,764,343.00
• USDA-NIFA 1890 CBG Program (anticipated in 2019-2021)	\$1,995,597.00
• Insurance Recovery Damage to Hydroponic Greenhouse	\$2,267,276.97
• Reimbursable Deductible for Greenhouse from State	\$2,500,000.00
• Institutional Funds	<u>\$ 426,324.03</u>
<b>Total:</b>	<b>\$13,953,541.00</b>

This new facility will greatly enhance delivery of research, extension and teaching programs in agriculture at UMES and support economic development activities on the Eastern Shore, therefore also fulfilling the purposes which were originally envisaged when the Hydroponic Greenhouse was constructed.

The Board of Regents must approve all cash/self-funded projects that exceed \$5M.

**ALTERNATIVES:** The University could pass on this project and opportunity; however, that would suggest that no new teaching, research and extension facilities are required and that replacement of the dysfunctional Hydroponic Greenhouse is not required. That option presents no advantages and severely impedes institutional growth and mission delivery. Furthermore, it thwarts advancement of the University's 1890 Land-Grant mission, perpetuates outdated agricultural instructional and research facilities, and inhibits progress of agricultural research programs and facilities that should be replaced so they do not continue to deteriorate.

**FISCAL IMPACT:** The sources of funds for this development are the United States Department of Agriculture (USDA) 1890 Facilities Grant Program made available for land-grant institution teaching, research and extension education programs; Insurance Recovery from the damage to the hydroponic greenhouse; and the reimbursible deductible from the State Treasurer. These funds are currently available to the University. There are no other anticipated capital costs associated with this development and operating costs are not expected to be significant.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend the Board approve the increased budget for the University of Maryland Eastern Shore to design and construct an Agricultural Research and Education Center in the amount shown for the purpose of agricultural research, teaching and extension including support for economic development activities on the Eastern Shore using USDA 1890 Land Grant Program.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

---

SUBMITTED BY: Ellen Herbst (301) 445-1923

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# 2016–2025 Master Plan Sites for New Construction & Planned Renovations

## Potential Sites for Academic New Construction

- NC2 New Frederick Douglass Library
- NC5 Pharmacy & Health Professions (Phases I & II)
- NC6 Agricultural Research and Education Center
- NC8 Academic Building
- NC9 Criminal Justice Center & Police Station
- NC12 Academic Building

## Potential Sites for Residential New Construction

- NC3 Residential Dorm
- NC4 Residential Dorm(s)
- NC10 Hawk's Landing Expansion
- NC11 Residential Dorm

## Potential Sites for Athletics New Construction

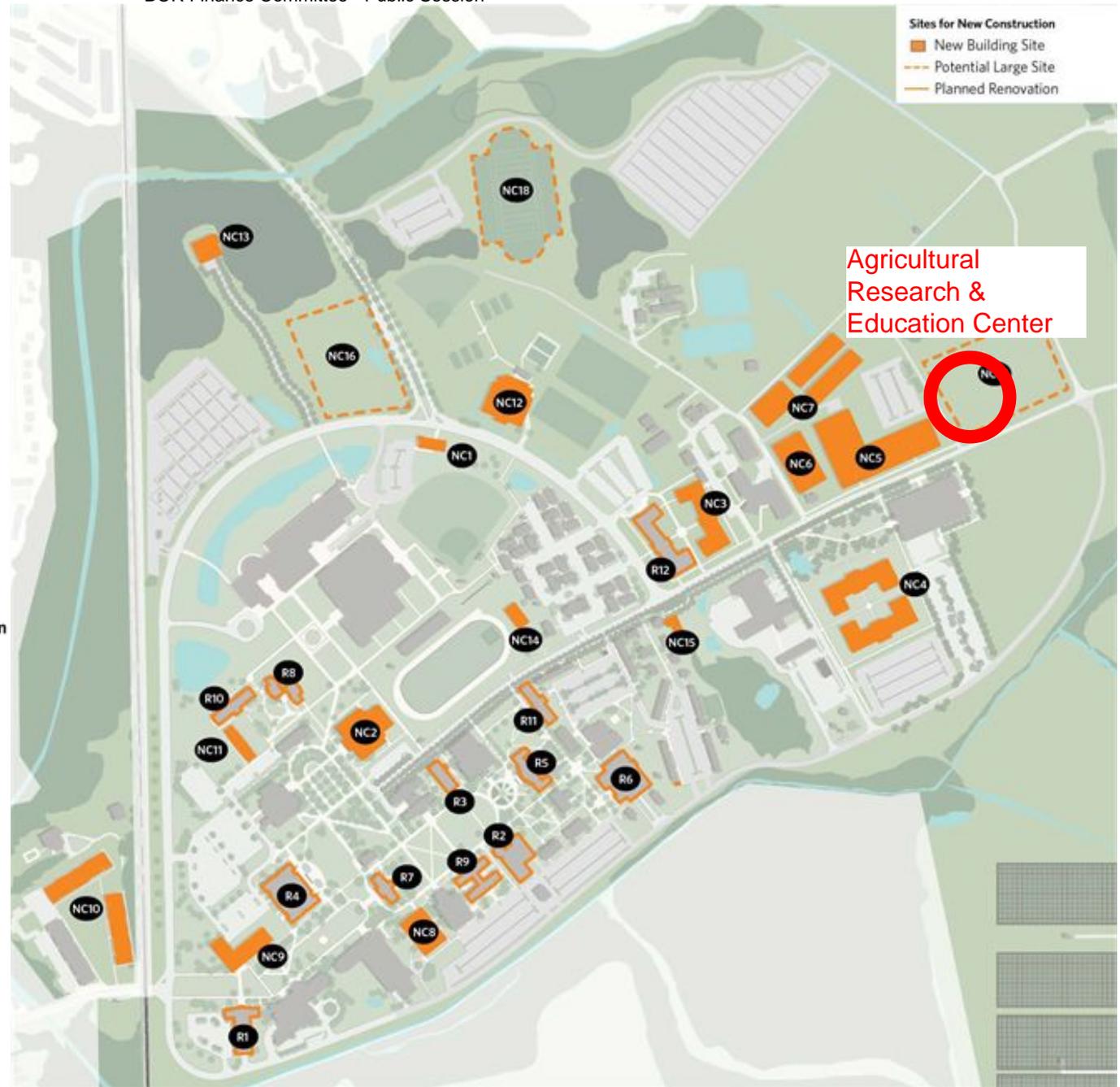
- NC12 Tawes Replacement
- NC14 Field House
- NC18 Potential Stadium Location (10,000 seat)

## Potential Sites for Specialty or Support New Construction

- NC1 Welcome Center
- NC7 Farm Support (replacement facilities)
- NC13 President's House (replacement)
- NC15 Expanded WESM Radio Station
- NC16 Potential Conference Center Option
- NC17 Potential Conference Center Option

## Planned Sites for Renovation

- R1 Kiah Hall Renovation
- R2 Carver Hall Renovation & Addition
- R3 Wilson Hall Renovation
- R4 Performing Arts Renovation & Addition
- R5 Trigg Hall Renovation
- R6 Arts & Technologies Building Renovation
- R7 J. T. Williams Building Renovation
- R8 Nuttle Hall Renovation
- R9 Murphy Hall & Annex Renovation
- R10 Court Plaza Renovation
- R11 Plaza Residence Renovation
- R12 University Terrace Renovation



**BOARD OF REGENTS**SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

**TOPIC:** University of Maryland, College Park: Increase in Authorization for New Residence Halls

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The University of Maryland, College Park (UMD) requests approval to increase the funding authorization for the New Residence Halls (900 beds) by \$18,400,000, from \$100,900,000 to \$119,300,000.

The Board of Regents originally authorized \$97,000,000 of Auxiliary Revenue Bonds for this project in June 2017 as part of the System Funded Construction Program (SFCP). Subsequently, UMD hired a design/build firm to implement the project, which includes two 450 bed buildings located proximate to each other. In March 2019, UMD requested an increase of \$3,900,000, to be cash funded in FY 2021, to align with the design/build firm's cost estimate of \$100,900,000 based on the Design Development drawings. At the time, UMD advised USM that they expect to receive bid prices in summer 2019 and will be able to further refine actual construction costs in the fall as construction proceeds, and that the overage amount will be adjusted as needed in the FY 2021 SFCP submission. The Board authorized this increase in June 2019.

UMD planned to award two bid-packages for this project, the first for site and utility work and the second for the two buildings. The first package was awarded in June 2019 within the current authorized amount and construction is underway. The price for the second package was received in September 2019, and it requires the authorization be increased by \$18,400,000. This large increase is due to the current construction market which is very busy with high costs. UMD proposes to add \$18,400,000 of cash to cover this.

Pending approval, UMD will proceed with awarding the second package. This timing will allow for occupancy of at least one building for the fall 2021 semester and the second building no later than the spring 2022 semester. UMD cannot wait to request this increase as part of the FY 2021 SFCP approval process because it would delay occupancy to the fall 2022 semester and incur even more cost.

The Board of Regents must approve all projects that are funded with debt (e.g., ARB funds) as well as self-funded projects that exceed \$5M.

**ALTERNATIVE(S):** UMD evaluated not proceeding with the project, proceeding with only one of the two buildings, or deferring the project to a future date. Due to the urgent need to upgrade substandard student housing and meet projected student housing demand, UMD decided not to pursue any of these alternatives. Proceeding with the full scope of this project now is essential to improving UMD's ability to recruit and retain an excellent and diverse student population. Deferring the project would incur even higher costs.

**FISCAL IMPACT:** Student housing revenues would provide the cash. For FY 2021, the student room rate would increase by 2% (\$155 per student) to assure an adequate cash flow of future housing revenue to repay the debt for all Residential Facilities projects in the FY 2020-2029 SFCP and fund small renewal projects not in the SFCP. Future room rate increases may be needed depending on refinement of projected costs for the future projects. The current (FY 2020) room rate is \$7,755 for traditional rooms in air-conditioned residence halls.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents approve this request to increase the funding authorization for the New Residence Halls by \$18,400,000, from \$100,900,000 to \$119,300,000, for the University of Maryland, College Park as described above.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**TOPIC:** University of Maryland, College Park: Increase in Authorization for North Campus Dining Hall Replacement

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The University of Maryland, College Park (UMD) requests approval to increase the funding authorization for the North Campus Dining Hall Replacement by \$7,900,000, from \$48,850,000 to \$56,750,000.

The Board of Regents originally authorized \$36,750,000 (\$17,000,000 of Auxiliary Revenue Bonds and \$19,750,000 of institutional cash) for this project in June 2017 as part of the System Funded Construction Program (SFCP). Subsequently, UMD hired a design/build firm to implement this project in conjunction with two 450 bed residence halls to be located proximate to this dining hall. In June 2018 the Board approved a \$2,700,000 increase of institutional cash to add space for a living-learning honors program, bringing the authorization to \$39,450,000. In June 2019, the Board approved a \$9,400,000 increase of institutional cash to align with the design/build firm's cost estimate based on the Design Development drawings, bringing the authorization to \$48,850,000. At the time, UMD advised USM that they expect to receive bid prices in summer 2019 and will be able to further refine actual construction costs in the fall as construction proceeds, and that the overage amount will be adjusted as needed in the FY 2021 SFCP submission.

UMD planned to award three bid packages for this combined residence halls/dining hall project, the first for site and utility work for the residence halls and dining hall, the second for the residence hall buildings, and the third for the dining hall building. The site and utility package was awarded in June 2019 and is underway. The bid price for the residence halls is over the amount authorized, and UMD is seeking Board approval for this increase as a separate request.

UMD expects to receive the price for the dining hall building by the end of this year, and anticipates that the current construction market conditions will result in a significant cost increase for the dining hall. The design/build contractor estimates the cost of the project will be \$56,750,000, and UMD proposes to add \$7,900,000 of institutional cash to cover the shortfall. UMD plans to award construction subsequent to receiving the bid for the dining hall building to enable occupancy in spring 2022 and align with occupancy of the new residence halls. UMD cannot wait to request this increase as part of the FY 2021 SFCP approval process because it would delay occupancy to the fall 2022 semester and incur even more cost.

The Board of Regents must approve all projects that are funded with debt (e.g., ARB funds) as well as self-funded projects that exceed \$5M.

**ALTERNATIVE(S):** UMD evaluated not proceeding with the project or deferring the project to a future date. Due to the urgent need to replace the North Campus Dining Hall, which is outdated and significantly under capacity for the population it serves, UMD decided not to pursue either of these alternatives. Proceeding with this project now is essential to improving UMD's ability to recruit and retain an excellent and diverse student population. Deferring the project would incur even higher costs.

**FISCAL IMPACT:** Student dining revenues would provide the cash. This is not expected to impact student meal rates.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents approve this request to increase the funding authorization for the North Campus Dining Hall Replacement by \$7,900,000, from \$48,850,000 to \$56,750,000, for the University of Maryland, College Park as described above.

---

COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**BOARD OF REGENTS**SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

**TOPIC:** University of Maryland, College Park: University of Maryland College Park Foundation, Inc.  
Right of Entry for Construction of the Basketball Performance Center

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The Executive Committee of the University of Maryland College Park Foundation, Inc. (Foundation) requests Board of Regents approval to enter the University of Maryland, College Park (UMD) campus to construct a 60,000 GSF Basketball Performance Center (the Center) adjacent to the Xfinity Center.

The Center will provide a transformative experience for basketball student-athletes and enhance the ability of the Men's and Women's intercollegiate basketball teams, two of the most prominent athletic teams of UMD, to be competitive in the Big Ten Conference. It also will enhance the ability of the Department of Intercollegiate Athletics (ICA) to generate revenue.

Preliminary plans for the Center, a two-story addition to the south-end of the Xfinity Center which will serve both the Men's and Women's basketball teams, include two separate practice courts, an expanded strength and conditioning center that is specifically tailored to the needs of basketball student-athletes, offices and state-of-the-art meeting rooms for the basketball coaches, locker rooms and spacious lounges for the student-athletes, and other support facilities. Plans for the main lobby include a Hall of Fame highlighting the illustrious past of Maryland Basketball.

UMD is the only university in the Big Ten Conference without a dedicated basketball practice facility for both its men's and women's teams. This project will enhance the ability of the Men's and Women's basketball programs to recruit, fundraise and grow their fan base, so that the teams can continue their success. Adding much needed practice space will allow coaches more flexibility to schedule practice sessions earlier in the day, giving student-athletes more time for their studies and extracurricular activities. ICA utilizes portions of the Xfinity Center when it is not in use to generate revenue to support its programs. The Center will expand rental opportunities and help increase ICA revenues.

The Center will be funded privately through the Foundation. All design, construction and equipment contracts will be secured by and be the responsibility of the Foundation. The Foundation will work closely with UMD during the design, construction and equipping period. The current proposed schedule plans for a construction start in late 2020 or early 2021. A decision to proceed into the construction phase will be made contingent upon updated estimates/bid prices and updated private gift commitments. When the Center is completed, the Foundation will convey its interests in the Center to UMD.

**ALTERNATIVE(S):** There are no viable alternatives. There is no underutilized space in the Xfinity Center that could be converted into a basketball performance center. Constructing this addition is the only viable solution to provide a transformative experience for student-athletes and enhance the ability of the Men's and Women's basketball programs to be competitive.

**FISCAL IMPACT:** The fundraising target for this project is \$36 million, although the scope and budget for the Center is still being finalized and may require adjustments. As of September 2019, approximately \$19 million of private gift commitments have been secured and more are being actively pursued.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend that the Board of Regents authorize the University of Maryland, College Park to grant access to its property to the Foundation for the purpose of constructing the Basketball Performance Center as described above, to be funded with Foundation assets. Construction of the Basketball Performance Center shall not begin until \$36 million of private gift funding for this project is secured via a combination of executed gift agreements and cash (paid in full).

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COMMITTEE RECOMMENDATION:

DATE:

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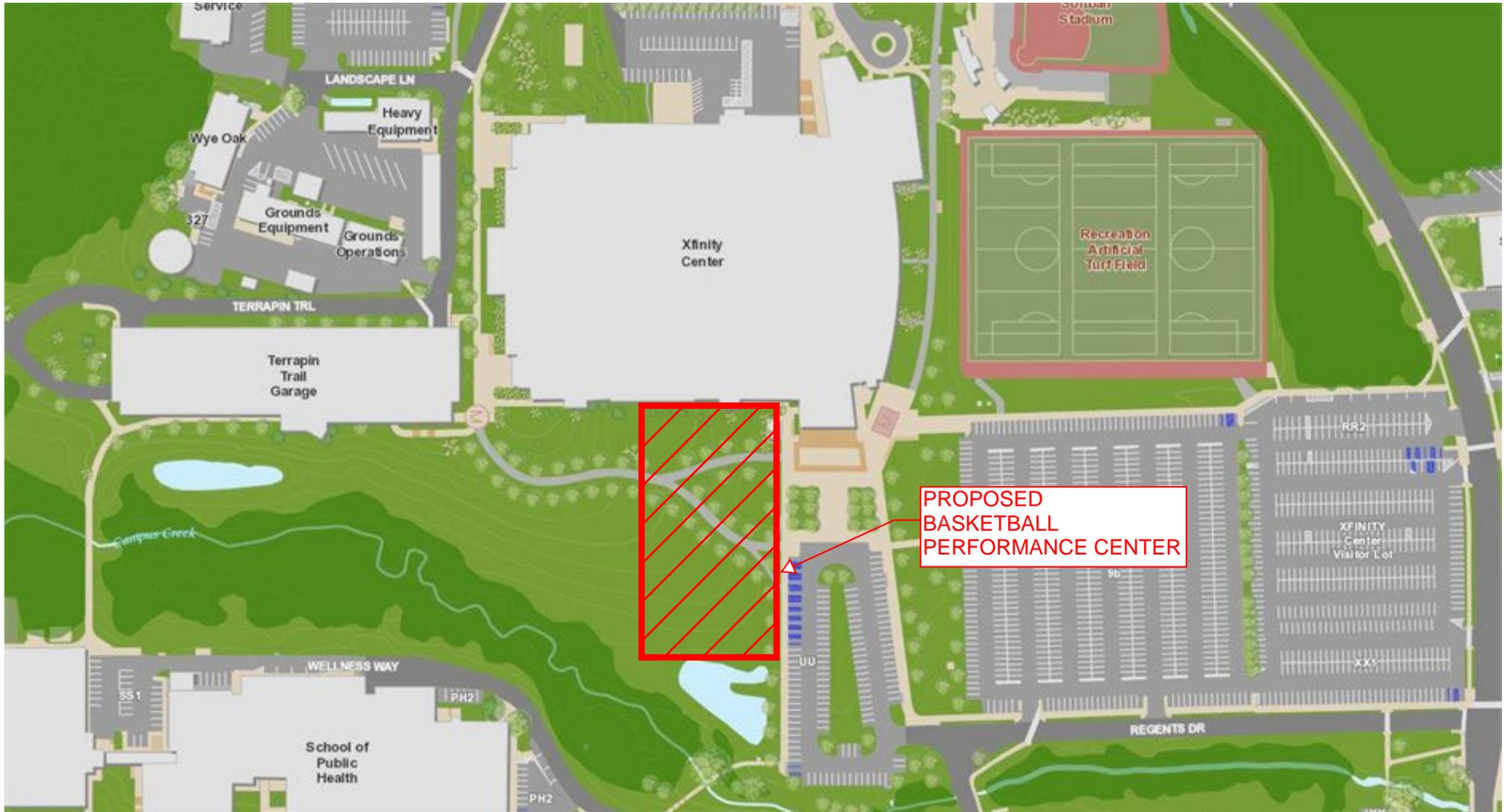
BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**BOARD OF REGENTS**

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

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**TOPIC:** University of Maryland, College Park: Information Regarding Replacing Videoboards and Audio System at Maryland Stadium and the Associated Control Equipment

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The University of Maryland College Park (UMD) plans to move forward with procurement of a design/build contract to replace the obsolete and failing videoboards and audio system at Maryland Stadium and replace the associated obsolete control equipment. UMD will request Board authorization for the project early next year after receiving bid prices.

There are two existing videoboards. One videoboard and the audio system were installed in 2002 over the Gossett Football Team house and the other videoboard was installed in 2007 over the concourse. The videoboards display in standard definition resolution, which is now obsolete, and are failing due to age. Repairs are challenging due to the inability to acquire parts. The audio system is showing significant deficiencies in performance and functionality and the sound is degrading. The equipment that controls the videoboards and audio system is located in the Broadcast Control Room in the Xfinity Center and is also obsolete as it supports only standard definition resolution. The Broadcast Control Room serves as the control room for both the Xfinity Center and Maryland Stadium with infrastructure connectivity between the two.

This project will replace the videoboards, audio system and control equipment with modern equipment that supports broadcast of high-definition resolution video. The Broadcast Control Room will be relocated to an existing storage room in the Xfinity Center to permit future growth with Big Ten Network broadcasts. UMD will develop an equipment replacement plan with the design/build contractor that maximizes cost effectiveness of both the up-front replacement costs and the ongoing operational and maintenance costs. At this time, UMD projects the replacement cost to be \$15,000,000. This estimate will be refined after bid prices are received. The project will be funded entirely from the Department of Intercollegiate Athletic revenues.

With the failing equipment and scarcity to find parts there is increasing risk that the equipment will not be functional during a game, and therefore UMD plans to complete this project as soon as possible, preferably prior to the 2020 football season. UMD will work with the design/build contractor to pursue this aggressive schedule.

**ALTERNATIVE(S):** This item is presented for information purposes.

**FISCAL IMPACT:** This item is presented for information purposes.

**CHANCELLOR'S RECOMMENDATION:** This item is presented for information purposes.

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COMMITTEE RECOMMENDATION:

DATE:

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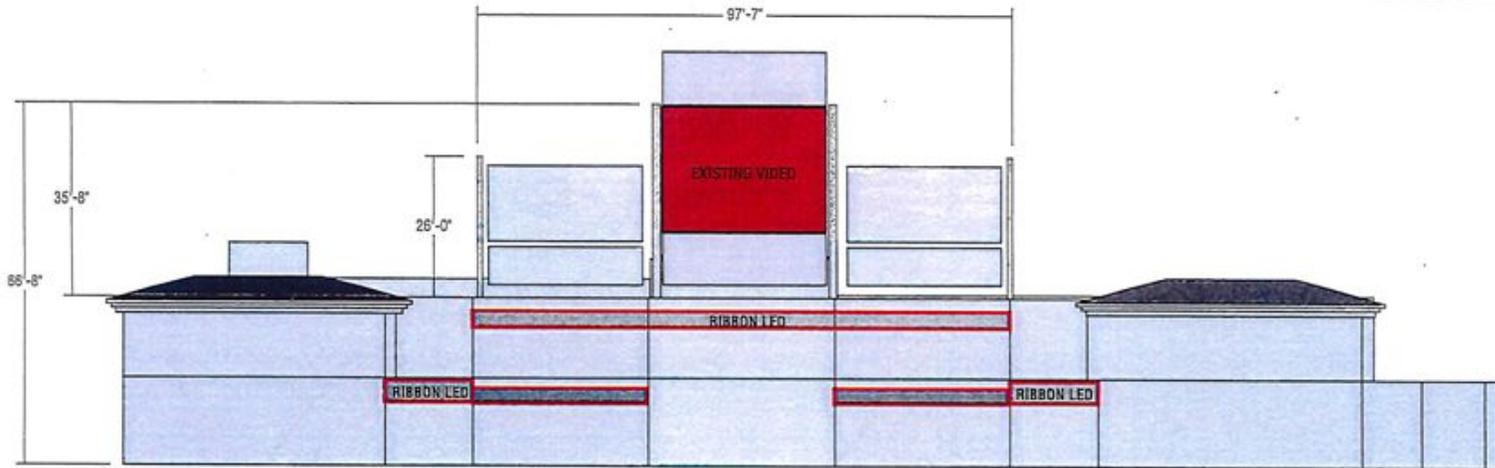
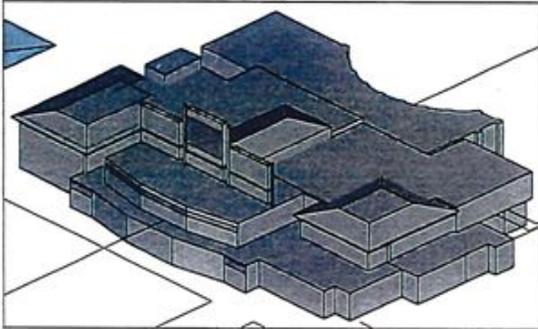
BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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EXISTING EAST END ZONE DISPLAY CONDITION  
1" = 20'-0"

EXISTING CONDITIONS EAST AND WEST END ZONES

**ANTHONY  
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UNIVERSITY OF MARYLAND, CAPITAL ONE FIELD

CONCEPT RENDERING



EAST END ZONE PRIMARY VIDEO DISPLAY SHOWN WITH FIXED DIGIT SCOREBOARD WITH SIGNAGE POSITIONS

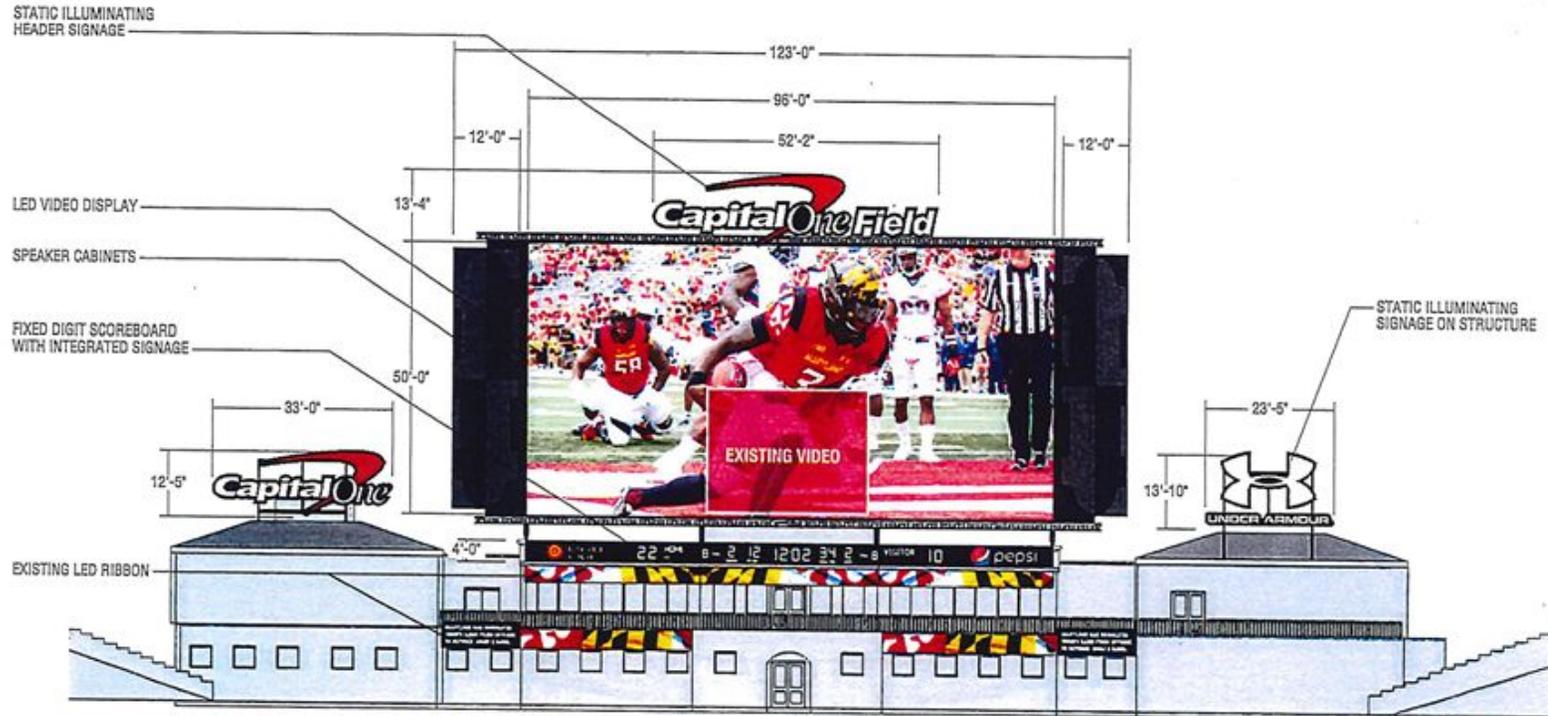
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UNIVERSITY OF MARYLAND, CAPITAL ONE FIELD

CONCEPT RENDERING



○ EAST END ZONE PRIMARY DISPLAY ELEVATION  
1" = 20'-0"

**EAST END ZONE PRIMARY VIDEO DISPLAY SHOWN WITH FIXED DIGIT SCOREBOARD WITH SIGNAGE POSITIONS**

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UNIVERSITY OF MARYLAND, CAPITAL ONE FIELD

CONCEPT RENDERING



WEST END ZONE ANCILLIARY VIDEO DISPLAY

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UNIVERSITY OF MARYLAND, CAPITAL ONE FIELD

CONCEPT RENDERING



**BOARD OF REGENTS**

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

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**TOPIC:** Bowie State University: Increase in Authorization for Thurgood Marshall Library HVAC Renovation Project

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** Bowie State University requests authorization to increase by \$400,000 the total project cost from \$4,900,000 to \$5,300,000. The University will use its own funds for this increase.

The Library HVAC project was originally approved in October, 2017 by the Vice Chancellor for Administration and Finance for a total project budget of \$4.9M. The bids for the project came in higher than previously estimated and have resulted in a projected increase to the current project budget allocation. Even with accepted scope reductions and value engineering, several factors are attributable for the projected increase:

- The extent and cost of the mechanical, electrical, and piping systems needed to refurbish the HVAC system was greater than originally planned.
- The extent and necessity for employee relocation during the renovation is greater than originally planned.
- Overall construction labor and material market escalation within the past two years.

The University is therefore requesting authorization to use university funds to increase the project budget by \$400,000 in order to maintain the current scope of work and schedule. The Board of Regents must approve all cash/self-funded projects that exceed \$5M.

**ALTERNATIVE(S):** Throughout design phase, the University has reviewed and modified project scope to reduce cost wherever possible, while still fulfilling all of the essential program requirements. The project team believes that the current design delivers the project with the best long-term and life cycle cost benefits. The design is consistent with the program goals and will provide the University with a long-term quality HVAC system for the Thurgood Marshall Library.

**FISCAL IMPACT:** Bowie State University will use available institutional funds for this increase.

**CHANCELLOR'S RECOMMENDATION:** That the Finance Committee recommend the Board of Regents approve the increase for the Thurgood Marshall Library project for a new total project cost of \$5,300,000 as described above.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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**BOARD OF REGENTS**

SUMMARY OF ITEM FOR ACTION,  
INFORMATION OR DISCUSSION

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**TOPIC:** Opening Fall 2019 Enrollment and FY 2020 Estimated FTE Report

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** This report provides an overview of preliminary fall 2019 undergraduate, graduate and first-professional enrollment for USM and each campus. In addition, based on the credit hour enrollment of the fall 2019 students, a fiscal year 2020 FTE estimate is included.

In total, headcount enrollment decreased (-3,969) for a preliminary total of 172,454 students. The FY 2020 estimate of 131,410 FTE students will be lower (-1,156) than last fiscal year. The enrollment decreases are across the System except for Salisbury University and the University of Maryland, Baltimore.

The report highlights other trends and provides data about enrollment over the past 10 years.

**ALTERNATIVE(S):** This item is presented for information purposes.

**FISCAL IMPACT:** This item is presented for information purposes.

**CHANCELLOR’S RECOMMENDATION:** This item is presented for information purposes.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Ellen Herbst (301) 445-1923

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UNIVERSITY SYSTEM  
*of* MARYLAND

**FALL 2019  
OPENING ENROLLMENT  
AND  
FY 2020 ESTIMATED FTE  
REPORT**

**Office of Institutional Research, Data & Analytics  
Administration and Finance  
University System of Maryland Office  
November 2019**

## Fall 2019 Opening Enrollment & Updated FY 2020 FTE Estimate

### Enrollment Report Background

The purpose of this annual report is to provide the Board of Regents the fall headcount enrollment attainment and full-time equivalent (FTE) enrollment estimate for the current fiscal year as requested in *the Board of Regents III-4.10 - Policy on Enrollment*. The data are compiled from mandatory Maryland Higher Education Commission (MHEC) preliminary enrollment and the University System of Maryland (USM) credit hour collections. Enrollment and FTE data are important for both fiscal and enrollment management decision making. Enrollment projections were submitted last spring, and this report represents the first opportunity to compare the accuracy of the institutional enrollment projections, one year out, to the actual enrollments. Similarly, campuses submit FTE estimates in the annual operating budget request. Again, this is the first opportunity to compare campus' estimated FTE, as submitted in the budget request, to the FTE enrollment achieved in the fall.

Enrollment highlights, followed by comparisons of preliminary enrollment to projected enrollment, and FTE estimate to budget estimate, are summarized. For additional information, please contact Chad Muntz, Assistant Vice Chancellor of Institutional Research, Data & Analytics at the USM at [cmuntz@usmd.edu](mailto:cmuntz@usmd.edu) (301-445-2737).

### Enrollment Highlights and Trends

For the first time since 2013, the preliminary fall enrollment decreased. Preliminary Fall 2019 headcount enrollment at the USM campuses was down from Fall 2018 by nearly 4,000 students. An estimated 172,454 students were enrolled this fall. Excluding UMGC, USM's total enrollment was down about 2,200 students. (See Table A, Appendix Tables 1 & 5).

- The estimated FY 2020 FTE is an estimated 131,410, a decrease of -1,156 over FY 2019. Excluding UMGC, USM's FTE was 96,640, a decrease of -982 over FY 2019 (See Table B).
- The largest institutional enrollment decrease was at University of Maryland Global Campus (-1,735), and most of the decrease were part-time students (-1,624) (See Table 5).
- Although USM first-time, full-time undergraduate students decreased -5.3%, the cohort remained above 14,000 for the third straight year. Most of the decreases were at UMCP (-695) and Towson (-201). However, Salisbury (+182), UMGC (+93), Coppin (+40), UMES (+7) and FSU (+4) all increased the size of their first-time, full-time cohorts (See Tables 3).
- Across the system, undergraduate enrollment was lower (-2,865). The undergraduate decreases were at and UMGC (-868), FSU (-556), UB (-472), UMES (-364), UMCP (-251), UMBC (-200) and Towson (-199). Only Coppin (+21) and Salisbury (+36) increased (See Table 2 & 5).
- Graduate enrollment was down -1,104 students. Most of the decrease in graduate enrollment was at UMGC (-867), UMCP (-206), and UB (-93). Frostburg (+93), Salisbury (+14), UMB (+81), UMBC (+35) increased (See Table 2 and Table 5).
- Total enrollment of 11,781 at the USM's Historically Black Institutions (HBIs) decreased (-470) compared to Fall 2018. Except for CSU undergraduate, enrollment was lower for both undergraduate and graduate at all campuses. The total combined enrollment for the USM HBIs have decreased nearly 2,000 students over the past 10 years. (See Tables 4 & 5).

## Fall 2019 Opening Enrollment &amp; Updated FY 2020 FTE Estimate

**Fall 2019 Enrollment VS Enrollment Projections**

Each spring the USM submits to the Board of Regents a ten-year enrollment projection. Based on information provided by the universities, the enrollment projection includes the enrollment changes expected for the next ten fall semesters (beginning this year with Fall 2019) at each USM institution. Table A compares the Fall 2019 enrollment to the projections submitted by the institutions in Spring 2019, as well as the Fall 2018 actual enrollment.

**Table A. The University System of Maryland  
Fall 2019 Enrollment Compared to Enrollment Projections**

	Fall 2018 Actual	Fall 2019 Enrollment Projection	Fall 2019 Actual Enrollment	Change Over	
				Fall 2019 Projection	Fall 2018 Actual
				Fall 19 Preliminary- Fall 19 Projection	Fall 19 Preliminary - Fall 18 Actual
BSU	6,320	6,406	6,171	-235	-149
CSU	2,738	2,741	2,724	-17	-14
FSU	5,294	5,365	4,831	-534	-463
SU	8,567	8,700	8,617	-83	50
TU	22,923	23,130	22,709	-421	-214
UB	5,041	4,808	4,476	-332	-565
UMB	6,777	6,764	6,827	63	50
UMBC	13,767	13,918	13,602	-316	-165
UMCP	41,200	41,375	40,743	-632	-457
UMES	3,193	3,138	2,886	-252	-307
UMGC	60,603	61,209	58,868	-2,341	-1,735
USM	176,423	177,554	172,454	-5,100	-3,969

Source--USM Enrollment Projections; MHEC EIS and S-7 updated 10-9-19

Across the System, enrollment was lower than projected. The exception was UMB. The largest campus enrollment variations between the Fall 2019 enrollment and the Spring enrollment projections occurred at UMGC (-2,341), UMCP (-632), and FSU (-534). Not only did the USM not achieve the 1,131 projected growth, the total enrollment was lower at all campuses except for SU and UMB compared to last year.

## Fall 2019 Opening Enrollment &amp; Updated FY 2020 FTE Estimate

**FY 2020 Full-Time Equivalent (FTE) Student Estimate**

Full-time equivalent (FTE) students are calculated from the actual credit hour enrollment of the students. The table below provides an estimated FY 2020 FTE for each USM institution calculated from the Fall 2019 semester credit hour enrollment. The annualized FTE estimate uses a conservative methodology that calculates the proportion of Spring to Fall credit hours by level for each institution for recent fiscal years. The USM estimate is then compared with each institution's submitted Fall FY 2020 budget projections and FY 2019 actuals. Table B displays the FY 2019 actual FTE, the FY 2020 Budgeted FTE, and the current FY 2020 Estimate.

**Table B. The University System of Maryland  
FY 2020 USM FTE Estimate**

	FY 2019 Actual FTE	FY 2020 Budgeted FTE	FY 2020 Annualized ESTIMATED FTE  Per Fall 2019 Credit Hour Enrollment	Change Over	
				FY 2020 Budget	FY 2019 Actual
BSU	5,090	5,090	5,093	3	3
CSU	2,141	2,181	2,191	10	50
FSU	4,207	4,176	4,130	-46	-76
SU	7,728	7,842	7,755	-87	28
TU	18,947	18,920	18,869	-51	-78
UB	3,323	3,059	2,966	-93	-356
UMB	6,908	6,843	6,933	90	25
UMBC	11,324	11,160	11,099	-61	-225
UMCP	34,017	34,250	33,923	-327	-95
UMES	2,938	2,882	2,680	-202	-258
UMGC	35,944	35,338	35,770	432	-174
USM	132,565	131,741	131,410	-331	-1,156

Estimated FTE updated from Fall 2019 actual credit hours of enrollment and USM/Campus estimates

FY 2020 Budgeted FTE from the Performance Measures/Performance Indicators (Annual Budget Submission to DBM)

Source--Credit Hours of Enrollment by Term/Level

Although the headcount enrollment was nearly 4,000 less than last fall, the total credit hours generated did not decrease proportionately. The FY 2020 FTE Estimate is expected to be about 1,100 less than FY 2019 and close the FY 2020 Budgeted FTE. The FY 2020 FTE Estimate at BSU, CSU, FSU, SU, TU, UMB, and UMCP is estimated to be within 100 FTE of last year. UB, UMBC, UMES, and UMG are estimated to have more than 100 FTE loss compared to FY 2019.

Fall 2019 Opening Enrollment & Updated FY 2020 FTE Estimate  
**Tables**

**TABLE 1**  
**UNIVERSITY SYSTEM OF MARYLAND**  
**CHANGES IN HEADCOUNT ENROLLMENT\***  
**FALL 2018-2019**

	Fall 2018/2019 Headcount Change		
	Headcount	2018	from 2018
Bowie State University	6,171	(149)	-2.4%
Coppin State University	2,724	(14)	-0.5%
Frostburg State University	4,831	(463)	-8.7%
Salisbury University	8,617	50	0.6%
Towson University	22,709	(214)	-0.9%
University of Baltimore	4,476	(565)	-11.2%
University of Maryland, Baltimore	6,827	50	0.7%
University of Maryland, Baltimore County	13,602	(165)	-1.2%
University of Maryland, College Park	40,743	(457)	-1.1%
University of Maryland Eastern Shore	2,886	(307)	-9.6%
University of Maryland Global Campus*	58,868	(1,735)	-2.9%
<b>USM Total</b>	<b>172,454</b>	<b>(3,969)</b>	<b>-2.2%</b>

Source: MHEC EIS (2010-2019)

**TABLE 1b**  
**UNIVERSITY SYSTEM OF MARYLAND**  
**CHANGES IN HEADCOUNT ENROLLMENT**  
**EXCLUDING UMGC\***  
**Fall 2018-2019**

	Fall 2018/2019 Headcount Change		
	Headcount	2018	from 2018
Bowie State University	6,171	(149)	-2.4%
Coppin State University	2,724	(14)	-0.5%
Frostburg State University	4,831	(463)	-8.7%
Salisbury University	8,617	50	0.6%
Towson University	22,709	(214)	-0.9%
University of Baltimore	4,476	(565)	-11.2%
University of Maryland, Baltimore	6,827	50	0.7%
University of Maryland, Baltimore County	13,602	(165)	-1.2%
University of Maryland, College Park	40,743	(457)	-1.1%
University of Maryland Eastern Shore	2,886	(307)	-9.6%
<b>USM Total</b>	<b>113,586</b>	<b>(2,234)</b>	<b>-1.9%</b>

Source: MHEC EIS (2010-2019)

\*Beginning in FY 2015, all UMGC online courses are administered and counted as stateside. Beginning in FY 2016, upon approval by the Middle States Commission on Higher Education for a status change of the overseas locations, all UMGC courses, irrespective of geographic location and instructional modality, are reported as a single, worldwide figure for the institution as a whole. Beginning in FY 2017, all UMCP Freshmen Connection Spring admits who attend the Fall semester are included in the Fall headcount.

**TABLE 2**  
**ENROLLMENT BY STUDENT LEVEL AND STATUS\***  
**Fall 2010-2019**

Student Level & Status	Fall									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Undergraduates</b>										
<b>Full-Time: N</b>	76,950	78,693	79,384	79,654	82,667	83,179	85,092	86,361	86,685	85,135
%	50.4%	50.5%	51.0%	52.0%	51.0%	50.6%	49.5%	49.3%	49.1%	49.4%
<b>Part-Time: N</b>	31,633	32,562	32,290	31,446	37,628	39,656	45,306	46,881	48,441	47,126
%	20.7%	20.9%	20.8%	20.5%	23.2%	24.1%	26.3%	26.8%	27.5%	27.3%
<b>Total: N</b>	108,583	111,255	111,674	111,100	120,295	122,835	130,398	133,242	135,126	132,261
%	71.2%	71.4%	71.8%	72.5%	74.3%	74.7%	75.8%	76.1%	76.6%	76.7%
<b>Graduate/First-Professional</b>										
<b>Full-Time: N</b>	17,104	17,603	17,920	17,678	17,739	17,734	17,731	17,653	17,653	17,358
%	11.2%	11.3%	11.5%	11.5%	11.0%	10.8%	10.3%	10.1%	10.0%	10.1%
<b>Part-Time: N</b>	26,894	26,913	26,009	24,540	23,966	23,930	23,867	24,281	23,644	22,835
%	17.6%	17.3%	16.7%	16.0%	14.8%	14.5%	13.9%	13.9%	13.4%	13.2%
<b>Total: N</b>	43,998	44,516	43,929	42,218	41,705	41,664	41,598	41,934	41,297	40,193
%	28.8%	28.6%	28.2%	27.5%	25.7%	25.3%	24.2%	23.9%	23.4%	23.3%
<b>All Students</b>										
<b>Total</b>	<b>152,581</b>	<b>155,771</b>	<b>155,603</b>	<b>153,318</b>	<b>162,000</b>	<b>164,499</b>	<b>171,996</b>	<b>175,176</b>	<b>176,423</b>	<b>172,454</b>

Source: MHEC EIS (2010-2019)

Note: Percentages are % of total headcount for each fall term.

\*Beginning in FY 2015, all UMGC online courses are administered and counted as stateside. Beginning in FY 2016, upon approval by the Middle States Commission on Higher Education for a status change of the overseas locations, all UMGC courses, irrespective of geographic location and instructional modality, are reported as a single, worldwide figure for the institution as a whole. Beginning in FY 2017, all UMCP Freshmen Connection Spring admits who attend the Fall semester are included in the Fall headcount.

**TABLE 3**  
**TRENDS IN ENROLLMENT OF FIRST-TIME FULL-TIME UNDERGRADUATES\***  
**Fall 2010-2019**

First-Time Full-Time Undergraduates

<b>Institution</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>One-Year % Change</b>	<b>Five-Year % Change</b>
BSU	671	573	477	625	594	559	958	1,075	898	801	-10.8%	34.8%
CSU	525	478	425	353	267	242	383	383	389	429	10.3%	60.7%
FSU	1,028	825	814	889	957	931	829	774	735	739	0.5%	-22.8%
SU	1,253	1,246	1,230	1,241	1,144	1,186	1,328	1,326	1,285	1,467	14.2%	28.2%
TU	2,428	2,536	2,463	2,747	2,711	2,708	2,750	2,735	2,990	2,789	-6.7%	2.9%
UB	155	155	215	236	226	137	138	107	76	40	-47.4%	-82.3%
UMBC	1,499	1,416	1,547	1,653	1,616	1,543	1,518	1,759	1,777	1,692	-4.8%	4.7%
UMCP	3,925	3,989	3,893	4,011	4,128	3,934	4,543	5,178	6,021	5,326	-11.5%	29.0%
UMES	944	748	882	604	756	1,011	698	560	501	508	1.4%	-32.8%
UMGC	150	158	157	87	175	149	192	131	132	225	70.5%	28.6%
<b>USM</b>	<b>12,578</b>	<b>12,124</b>	<b>12,103</b>	<b>12,446</b>	<b>12,574</b>	<b>12,400</b>	<b>13,337</b>	<b>14,028</b>	<b>14,804</b>	<b>14,016</b>	<b>-5.3%</b>	<b>11.5%</b>
<b>MD H.S. Grads**</b>	68,659	67,579	68,046**	67,601**	65,968**	64,586**	63,747**	62,010**	63,485**	62,688**		

Source: MHEC Preliminary Opening Fall Enrollment (2019) and EIS (2010-2018) Public and non-public high school graduates data -WICHE

\*\*The 2012-2019 actual Maryland high school graduates is currently not available; WICHE estimates used.

\*Beginning in FY 2015, all UMGC online courses are administered and counted as stateside. Beginning in FY 2016, upon approval by the Middle States Commission on Higher Education for a status change of the overseas locations, all UMGC courses, irrespective of geographic location and instructional modality, are reported as a single, worldwide figure for the institution as a whole. Beginning in FY 2017, all UMCP Freshmen Connection Spring admits who attend the Fall semester are included in the Fall headcount.

**TABLE 4**  
**HISTORICALLY BLACK INSTITUTIONS**  
**ENROLLMENT TRENDS**  
**Fall 2010-2019**

Year	Undergraduate	Graduate	Total	% Change Total
Fall 2010	11,666	2,252	13,918	0.5%
Fall 2011	11,609	2,321	13,930	0.1%
Fall 2012	11,168	2,319	13,487	-3.2%
Fall 2013	10,808	2,356	13,164	-2.4%
Fall 2014	10,710	2,397	13,107	-0.4%
Fall 2015	10,725	2,278	13,003	-0.8%
Fall 2016	10,495	2,017	12,512	-3.8%
Fall 2017	10,555	1,976	12,531	0.2%
Fall 2018	10,267	1,984	12,251	-2.2%
Fall 2019	9,943	1,838	11,781	-3.8%

Source: MHEC EIS (2010-2019)

**TABLE 5**  
**ENROLLMENT TRENDS BY INSTITUTION\***  
**Fall 2010-2019**

Institution	Undergraduates		Graduates/First Prof.		Total Headcount	Annual % Change	% of USM
	Full-Time	Part-Time	Full-Time	Part-Time			
<b>Bowie State University</b>							
Fall 2010	3,709	692	409	768	5,578	-0.7%	4%
Fall 2011	3,669	783	402	754	5,608	0.5%	4%
Fall 2012	3,493	790	396	742	5,421	-3.3%	3%
Fall 2013	3,521	837	453	750	5,561	2.6%	4%
Fall 2014	3,675	781	513	726	5,695	2.4%	4%
Fall 2015	3,533	782	474	641	5,430	-4.7%	3%
Fall 2016	3,939	772	412	546	5,669	4.4%	3%
Fall 2017	4,389	798	409	552	6,148	8.4%	4%
Fall 2018	4,421	887	463	549	6,320	2.8%	4%
Fall 2019	4,329	898	476	468	6,171	-2.4%	4%
<b>Coppin State University</b>							
Fall 2010	2,599	699	134	368	3,800	0.0%	2%
Fall 2011	2,368	927	155	363	3,813	0.3%	2%
Fall 2012	2,442	685	142	343	3,612	-5.3%	2%
Fall 2013	2,251	669	133	330	3,383	-6.3%	2%
Fall 2014	2,046	638	151	298	3,133	-7.4%	2%
Fall 2015	2,007	661	137	303	3,108	-0.8%	2%
Fall 2016	1,888	619	133	299	2,939	-5.4%	2%
Fall 2017	1,854	653	150	236	2,893	-1.6%	2%
Fall 2018	1,765	597	121	255	2,738	-5.4%	2%
Fall 2019	1,804	579	113	228	2,724	-0.5%	2%
<b>Frostburg State University</b>							
Fall 2010	4,544	322	247	357	5,470	1.6%	4%
Fall 2011	4,372	359	234	464	5,429	-0.7%	3%
Fall 2012	4,253	378	264	526	5,421	-0.1%	3%
Fall 2013	4,192	511	216	554	5,473	1.0%	4%
Fall 2014	4,228	687	209	521	5,645	3.1%	3%
Fall 2015	4,176	785	238	557	5,756	2.0%	3%
Fall 2016	4,141	743	243	549	5,676	-1.4%	3%
Fall 2017	3,849	876	176	495	5,396	-4.9%	3%
Fall 2018	3,805	833	205	451	5,294	-1.9%	3%
Fall 2019	3,413	669	236	513	4,831	-8.7%	3%

**TABLE 5**  
**ENROLLMENT TRENDS BY INSTITUTION\***  
**Fall 2010-2019**

Institution	Undergraduates		Graduates/First Prof.		Total Headcount	Annual % Change	% of USM
	Full-Time	Part-Time	Full-Time	Part-Time			
<b>Salisbury University</b>							
Fall 2010	7,103	603	272	419	8,397	2.4%	6%
Fall 2011	7,304	588	298	416	8,606	2.5%	6%
Fall 2012	7,323	646	288	400	8,657	0.6%	6%
Fall 2013	7,374	630	291	348	8,643	-0.2%	6%
Fall 2014	7,350	647	354	419	8,770	1.5%	5%
Fall 2015	7,148	701	403	419	8,671	-1.1%	5%
Fall 2016	7,250	611	489	398	8,748	0.9%	5%
Fall 2017	7,191	591	520	412	8,714	-0.4%	5%
Fall 2018	7,081	569	516	401	8,567	-1.7%	5%
Fall 2019	7,090	596	530	401	8,617	0.6%	5%
<b>Towson University</b>							
Fall 2010	15,560	1,969	1,285	3,026	21,840	3.1%	15%
Fall 2011	15,590	1,927	1,266	2,681	21,464	-1.7%	14%
Fall 2012	15,852	2,136	1,200	2,772	21,960	2.3%	14%
Fall 2013	16,588	2,191	1,198	2,522	22,499	2.5%	15%
Fall 2014	16,575	2,232	1,115	2,363	22,285	-1.0%	14%
Fall 2015	16,768	2,281	1,078	2,157	22,284	0.0%	14%
Fall 2016	16,893	2,305	1,081	2,064	22,343	0.3%	13%
Fall 2017	17,106	2,490	1,068	2,041	22,705	1.6%	13%
Fall 2018	17,350	2,468	1,035	2,070	22,923	1.0%	13%
Fall 2019	17,209	2,410	1,017	2,073	22,709	-0.9%	13%
<b>University of Baltimore</b>							
Fall 2010	1,924	1,302	1,495	1,780	6,501	3.8%	4%
Fall 2011	1,944	1,313	1,456	1,693	6,406	-1.5%	4%
Fall 2012	2,012	1,414	1,446	1,686	6,558	2.4%	4%
Fall 2013	2,061	1,465	1,396	1,596	6,518	-0.6%	4%
Fall 2014	2,089	1,396	1,295	1,642	6,422	-1.5%	4%
Fall 2015	2,056	1,288	1,235	1,650	6,229	-3.0%	4%
Fall 2016	1,995	1,227	1,153	1,608	5,983	-3.9%	3%
Fall 2017	1,716	1,233	1,084	1,532	5,565	-7.0%	3%
Fall 2018	1,470	1,099	1,039	1,433	5,041	-9.4%	3%
Fall 2019	1,192	905	997	1,382	4,476	-11.2%	3%

**TABLE 5**  
**ENROLLMENT TRENDS BY INSTITUTION\***  
**Fall 2010-2019**

Institution	Undergraduates		Graduates/First Prof.		Total Headcount	Annual % Change	% of USM
	Full-Time	Part-Time	Full-Time	Part-Time			
<b>University of Maryland, Baltimore</b>							
Fall 2010	533	239	4,439	1,138	6,349	-0.5%	4%
Fall 2011	509	222	4,518	1,144	6,393	0.7%	4%
Fall 2012	559	169	4,544	1,096	6,368	-0.4%	4%
Fall 2013	549	197	4,479	1,059	6,284	-1.3%	4%
Fall 2014	571	221	4,392	1,092	6,276	-0.1%	4%
Fall 2015	620	246	4,325	1,138	6,329	0.8%	4%
Fall 2016	704	201	4,463	1,114	6,482	2.4%	4%
Fall 2017	718	211	4,514	1,260	6,703	3.4%	4%
Fall 2018	702	207	4,500	1,368	6,777	1.1%	4%
Fall 2019	695	183	4,399	1,550	6,827	0.7%	4%
<b>University of Maryland Baltimore County</b>							
Fall 2010	8,830	1,380	1,140	1,538	12,888	0.1%	8%
Fall 2011	9,051	1,522	1,136	1,490	13,199	2.4%	8%
Fall 2012	9,371	1,582	1,134	1,550	13,637	3.3%	9%
Fall 2013	9,508	1,628	1,191	1,581	13,908	2.0%	9%
Fall 2014	9,653	1,726	1,189	1,411	13,979	0.5%	9%
Fall 2015	9,592	1,651	1,160	1,436	13,839	-1.0%	8%
Fall 2016	9,484	1,658	1,167	1,331	13,640	-1.4%	8%
Fall 2017	9,543	1,691	1,126	1,302	13,662	0.2%	8%
Fall 2018	9,623	1,637	1,205	1,302	13,767	0.8%	8%
Fall 2019	9,436	1,624	1,257	1,285	13,602	-1.2%	8%
<b>University of Maryland, College Park</b>							
Fall 2010	24,841	2,081	7,095	3,624	37,641	1.2%	25%
Fall 2011	24,697	2,129	7,536	3,269	37,631	0.0%	24%
Fall 2012	24,486	2,052	7,788	2,921	37,247	-1.0%	24%
Fall 2013	24,522	2,136	7,677	2,937	37,272	0.1%	24%
Fall 2014	25,027	2,029	7,911	2,643	37,610	0.9%	23%
Fall 2015	25,410	2,033	8,091	2,606	38,140	1.4%	23%
Fall 2016	26,350	2,122	8,094	2,517	39,083	2.5%	23%
Fall 2017	27,708	2,160	8,107	2,546	40,521	3.7%	23%
Fall 2018	28,501	2,261	8,102	2,336	41,200	1.7%	23%
Fall 2019	28,390	2,121	7,877	2,355	40,743	-1.1%	24%

**TABLE 5**  
**ENROLLMENT TRENDS BY INSTITUTION\***  
**Fall 2010-2019**

Institution	Undergraduates		Graduates/First Prof.		Total Headcount	Annual % Change	% of USM
	Full-Time	Part-Time	Full-Time	Part-Time			
<b>University of Maryland Eastern Shore</b>							
Fall 2010	3,658	309	302	271	4,540	2.4%	3%
Fall 2011	3,536	326	365	282	4,509	-0.7%	3%
Fall 2012	3,449	309	441	255	4,454	-1.2%	3%
Fall 2013	3,171	359	430	260	4,220	-5.3%	3%
Fall 2014	3,192	378	442	267	4,279	1.4%	3%
Fall 2015	3,291	451	485	238	4,465	4.3%	3%
Fall 2016	2,918	359	397	230	3,904	-12.6%	2%
Fall 2017	2,573	288	414	215	3,490	-10.6%	2%
Fall 2018	2,360	237	370	226	3,193	-8.5%	2%
Fall 2019	2,096	237	344	209	2,886	-9.6%	2%
<b>University of Maryland Global Campus - Stateside</b>							
Fall 2010	3,649	22,037	286	13,605	39,577	6.0%	26%
Fall 2011	5,653	22,466	237	14,357	42,713	7.9%	27%
Fall 2012	6,144	22,129	277	13,718	42,268	-1.0%	27%
Fall 2013	5,917	20,823	214	12,603	39,557	-6.4%	26%
Fall 2014	8,261	26,893	168	12,584	47,906	21.1%	30%
Fall 2015	8,578	28,777	108	12,785	50,248	4.9%	31%
Fall 2016	9,530	34,689	99	13,211	57,529	14.5%	33%
Fall 2017	9,714	35,890	85	13,690	59,379	3.2%	34%
Fall 2018	9,607	37,646	97	13,253	60,603	2.1%	34%
Fall 2019	9,481	36,904	112	12,371	58,868	-2.9%	34%
<b>University System of Maryland - Totals (Stateside)</b>							
Fall 2010	76,950	31,633	17,104	26,894	152,581	2.6%	100%
Fall 2011	78,693	32,562	17,603	26,913	155,771	2.1%	100%
Fall 2012	79,384	32,290	17,920	26,009	155,603	-0.1%	100%
Fall 2013	79,654	31,446	17,678	24,540	153,318	-1.5%	100%
Fall 2014	82,667	37,628	17,739	23,966	162,000	5.7%	100%
Fall 2015	83,179	39,656	17,734	23,930	164,499	1.5%	100%
Fall 2016	85,092	45,306	17,731	23,867	171,996	4.6%	100%
Fall 2017	86,361	46,881	17,653	24,281	175,176	1.8%	100%
Fall 2018	86,685	48,441	17,653	23,644	176,423	0.7%	100%
Fall 2019	85,135	47,126	17,358	22,835	172,454	-2.2%	100%

\*Beginning in FY 2015, all UMGC online courses are administered and counted as stateside. Beginning in FY 2016, upon approval by the Middle States Commission on Higher Education for a status change of the overseas locations, all UMGC courses, irrespective of geographic location and instructional modality, are reported as a single, worldwide figure for the institution as a whole. Beginning in FY 2017, all UMCP Freshmen Connection Spring admits who attend the Fall semester are included in the Fall headcount.



**TOPIC:** University of Baltimore: Lease for the Baltimore City Police Academy

**COMMITTEE:** Finance

**DATE OF COMMITTEE MEETING:** November 19, 2019

**SUMMARY:** The University of Baltimore (UB) has leased 94,169 Gross Square Feet (GSF) of space to Baltimore City for use by the Baltimore Police Department (BPD). BPD will use this space as a Police Academy for training and continued education for new police recruits, active duty officers, police management personnel and other public safety personnel.

The lease includes the 2<sup>nd</sup> floor, portions of the 3<sup>rd</sup> floor and portions of the 4<sup>th</sup> floor in the H. Mebane Turner Learning Commons located at 1415 Maryland Avenue, Baltimore, Maryland. The lease also includes the 4<sup>th</sup> floor in the recreation center, and exclusive use of the gym on the 3<sup>rd</sup> floor Monday through Friday from 6 am to 3 pm in the Academic Center located at 1420 N. Charles Street, Baltimore, Maryland.

The lease was approved by the Baltimore City Board of Estimates on September 18, 2019. The initial term is for five years, and it commences upon substantial completion of the Tenant Improvements. The lease allows for a five-year renewal option. In accordance with USM Policy on Acquisition, Disposition and Leasing of Real Property, Board of Regents approval is not necessary because the lease term, inclusive of option renewals, does not exceed ten years.

**LESSOR:** The Mayor and City Council of Baltimore for the use of the Police Department of Baltimore City, an agency and instrumentality of the State of Maryland

**FISCAL IMPACT:** The rent is based on a rate of \$14.00/GSF. Rent for the first year is \$1,318,366, paid monthly, and increases by 2% each lease year. An additional one-time rent payment of \$400,000 is to be made by the Lessor prior to the commencement of the lease for UB’s capital and renewal expenditures and reserves. The USM will provide up to \$2.4 million (via reimbursement to UB) for necessary Tenant Improvements to the leased premises. UB provides utilities, housekeeping and maintenance services within the cost of the rent.

UB has also entered into a parking agreement which coincides with the lease term. The parking agreement initially provides 80 monthly passes for BPD’s use, with a provision for up to monthly 125 passes. The agreement also provides up to 180 daily transient parking passes which BPD may purchase for trainees and Academy guests. The estimated annual parking revenue will range from \$69,120 to \$235,440, depending on BPD usage.

**CHANCELLOR’S RECOMMENDATION:** This item is provided for information purposes.

COMMITTEE RECOMMENDATION:

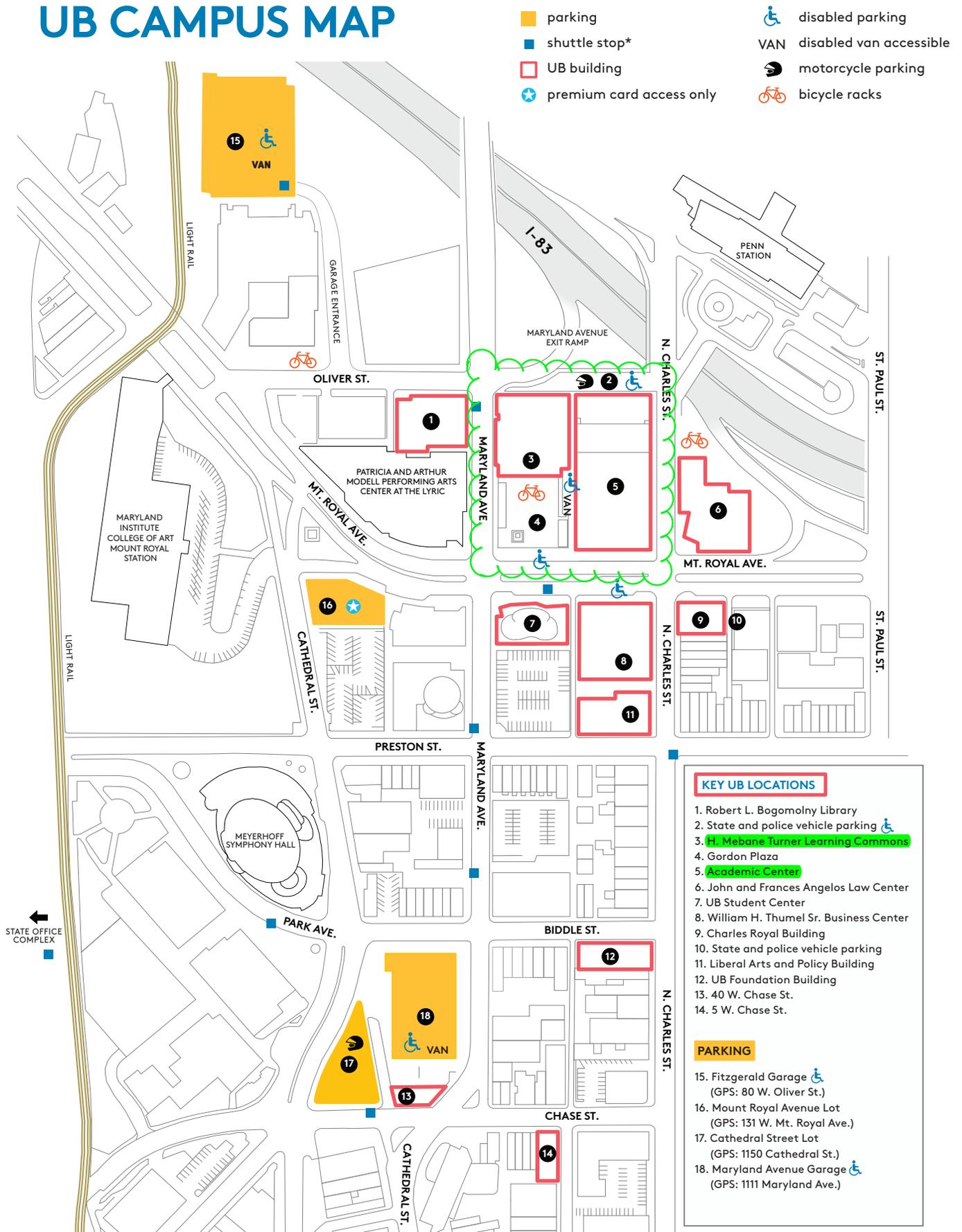
DATE:

BOARD ACTION:

DATE:

SUBMITTED BY: Ellen Herbst (301) 445-1923

# UB CAMPUS MAP



\*For more information about public transportation options at UB, visit [ubalt.edu/transportation](http://ubalt.edu/transportation). For full shuttle routes, visit [ubalt.edu/shuttle](http://ubalt.edu/shuttle).