SB0186 / HB0162
RB31

University of Maryland, Baltimore County (UMBC)
FY 2019 Capital Budget

Interdisciplinary Life Sciences Building

- At just over 45 percent, UMBC awards a higher percentage of STEM bachelor's degree recipients than any other public Maryland institution. In the last ten years, undergraduate enrollment in STEM majors has increased by over 61 percent.

- The proposed Interdisciplinary Life Sciences Building is an essential element of our plans to sustain our success in helping students of every background graduate in STEM majors in high demand in Maryland's workforce. The new building will reduce our current teaching space deficit with additional active learning classrooms, teaching labs, and a good manufacturing practice (GMP) lab that will serve 1,800 FTE STEM students annually.

- A hallmark of UMBC's undergraduate experience is the integration of teaching and research that allows STEM majors to graduate with a breadth of experience that positions them for success in high demand fields.

- The Interdisciplinary Life Sciences Building features flexible and adaptable research laboratories for team-based life science research that can break new ground. This space will facilitate millions of dollars annually in additional extramural research funding at UMBC that will also advance Maryland's innovation economy.

- UMBC is grateful to the Governor and the General Assembly for their sustained support of this important project with $62.8 million in FY 2019 construction and equipment funding. We will remain on schedule and move into the building over the summer of 2019.

University of Maryland, Baltimore County (UMBC)
FY 2019 Capital Budget

Utility Upgrades

- Much of UMBC's campus infrastructure is over fifty years old and has reached the age and condition at which crisis level problems are emerging. The campus has experienced numerous major electrical system failures leading to partial and total campus closures, water main breaks disrupting service and destroying property, and high temperature hot water leaks resulting in energy loss and safety risks.

- Based on the results of a comprehensive utility condition assessment, the cost of needed repairs, replacements, and upgrades approaches $50 million.

- The university has developed a phased approach to address these deficiencies while continuing to focus on preventive maintenance of system components that are currently in good working order. However, campus resources are insufficient to remedy all documented deficiencies as quickly as needed.

- The Utility Upgrades project focuses on the most critically deteriorated utility system components and proposes: replacement of primary electrical feeders and secondary electrical equipment, refurbishment of domestic water piping, repairs to utility tunnel walls, replacement of central plant equipment, and construction of stormwater pollution control features.

- UMBC is grateful to the Governor and the General Assembly for recognizing the strategic importance of infrastructure renewal through their support of this $16.8 million project with $1.36 million in FY 2019 planning funding. As proposed, construction funding would be distributed over FY 2020 through FY 2022. We will work with DBM to align the proposed three-year split with university priorities to address the most critical deficiencies as early as possible to ensure continuity of operations, extend useful life, and improve energy efficiency.