

Board of Trustees
Finance, Facilities & Technology Committee
January 6, 2021 from 9:00 am to 12:00 pm
Via Zoom

REVISED
1/5/2021

The public is invited to view the meeting on YouTube. The link to the Board of Trustees YouTube page can be found the Board website: <https://www.maine.edu/board-of-trustees/>

AGENDA

9:00am – 9:35am	<u>EXECUTIVE SESSION</u>
	The Finance, Facilities & Technology Committee will enter Executive Session under the provision of: 1 MRSA Section 405 6-C.
9:35am – 9:40am TAB 13	Chancellor’s Task Force on Vaccine Planning and Partnership Briefing, UMS
9:40am – 10:00am TAB 1	Authorization Portland Commons and Career & Student Success Center, USM
10:00am – 10:10am TAB 2	Reimbursement Resolution – University of Maine Energy Center
10:10am – 10:20am TAB 3	Proposed Changes to Board of Trustee Policy 803 <i>Naming of Physical Facilities</i>
10:20am – 10:25am TAB 4	FY2020 Annual Report on Gifts, Fundraising and Endowments
10:25am – 10:45am TAB 5	Review of IT Projects with a Value of \$250,000 of Greater
10:45am – 10:55am TAB 6	State of IT Report 2020
10:55am – 11:10am TAB 7	KPI – Core Financial Ratios
11:10am – 11:20am TAB 8	Capital Projects Status Report and Bond Projects Update, UMS
11:20am – 11:40am TAB 9	Green Engineering and Materials (GEM) “Factory of the Future”, UM
11:40am – 11:50am TAB 10	Update Dickey Wood Dormitory, USM Gorham
11:50am – 11:55am TAB 11	FY2020 Sole Source Procurement & Contributions Report
11:55am – 12:00pm TAB 12	Interim Financing Update

Action items within the Committee purview are noted in green.

Items for Committee decisions and recommendations are noted in red.

Note: Times are estimated based upon the anticipated length for presentation or discussion of a particular topic.

An item may be brought up earlier or the order of items changed for effective deliberation of matters before the Committee.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Authorization Portland Commons and Career & Student Success Center, USM

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

701 – Budgets-Operating & Capital Changes in Square Footage

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

a. Summary of the request.

The University of Maine System acting through the University of Southern Maine requests authorization to expend up to an additional \$92 million to proceed with construction of the Portland Commons residence hall and the Career and Student Success Center (CSSC) buildings on the Portland campus. With the \$5.7 million previously authorized by the Board in January of 2020 this brings the total authorization to \$97.7 million.

This request is pursuant to Board Policy 701, which requires projects with a total cost of more than \$500,000 to be considered by the Board of Trustees or its Finance, Facilities and Technology Committee. In this case, the Finance, Facilities and Technology Committee would vote to advance the project to the full Board of Trustees for consideration. This request is also pursuant to Trustee Policy prohibiting increases in space without Trustee authorization. USM currently plans to off-set some of the new space through the demolition of existing space partially making this a renovation through replacement project.

b. Overall requested budget and funding source.

The funding for these projects has been identified as the following:

CSSC – Budget \$27 million

- \$19 million 2018 Voter approved Bonds;
- \$1 million Gift (currently pledged) Fund raising continues and additional support is anticipated;
- Up to \$7 million University bond issuance as needed.

Portland Commons – Budget \$70.7 million

- \$70.7 million University bond issuance.

c. More detailed explanation of rationale for project and metrics for success of the project (ROI or other).

For over two years the University of Southern Maine has been working toward a plan for a new Student Residence Hall on the Portland campus. Additionally, the 2018 voter approved bonds included funds to support a new Career and Student Success Center on the Portland

Revised - 12/29/2020

Campus as identified in the Master Plan. In January of 2019 the Board authorized the University to expend up to \$1 million for preliminary planning and design of this facility. As the plans for the residence hall progressed it became clear that these two projects would be on a similar schedule and closely tied to each other, so it was determined that they be developed together. In January of 2020 the board authorized the University to enter into a pre-development agreement to complete the planning stage of these projects and to expend up to \$5.7 million in the execution thereof. In February the Board authorized a bond financing, Internal Loan and Project request which identified the University's intent to self-finance the Residence Hall rather than finance through the third party developer as originally proposed in January. Over the past year, the committee and campus has worked to bring the project design process to completion and receive initial City approval to construct these buildings. Expenses to date for design, permitting and related activities fall within the \$5.7 million previously approved.

As described in January of 2020, the USM campus has seen enrollment growth since 2015 resulting in overoccupancy of its Gorham residence halls. Additionally, graduate and law students struggle to find affordable housing in the greater Portland area. A market analysis was completed in the 2018/19 school year which showed a strong demand for up to 600 beds on the Portland campus without harm to the Gorham campus occupancy. A new analysis was recently completed to study the effects of the pandemic on student's plans for housing and continuing their higher education path. This study clearly showed that while demand has shifted, there is still ample demand across the University to support this new construction (see attached Brailsford & Dunlavey report).

The new Career and Student Success Center has been conceived in order to meet the growing and diverse student body at USM and to expand career services to meet workforce needs in Maine.

Both of these projects were included in USM's Master Plan as presented to the Board in January of 2019.

A key metric of success for these projects will be tied to the student occupancy of the Portland Commons residence hall. The estimated combined project return at 95% occupancy has a net present value of \$52 million. If fundraising successfully covers all remaining budget and debt service is not needed, the NPV \$58.1 million. The CSSC will be supported by revenue from the Portland Commons as needed as well as new dining revenue generated in the building and a student fee that USM will propose. In order to ensure a viable project, the University is using conservative estimates for the demand and occupancy of the residence hall and has ensured project contingencies are in place for the construction phase.

- d. Explanation of the scope and substance of the project as needed to supplement (a) and (c) above.

Portland Commons will sit on the corner of Durham and Bedford Streets, spanning approximately 218,000 square feet, and adding an aesthetically pleasing cornerstone to the campus gateway.

While meeting leading-edge Passive House sustainability standards, the new Hall will also feature large glass panels in the first floor common areas, illuminating and activating the sidewalk and making our campus a more welcoming and engaging place.

Revised - 12/29/2020

The four wings of the Hall — two reaching five stories in height and two reaching eight stories in height — will form a parallelogram that encloses a half-acre semi-private residential courtyard.

The Hall will be home to:

- USM Undergraduate students in their third or fourth year
- USM and University of Maine System Graduate students
- Maine Law students
- Residential staff

Residents will be within walking distance to the dining hall of the new Career & Student Success Center, Glickman Library, and their Portland-based classes, as well as a METRO Husky Line stop and Portland's Back Cove.

First-floor features:

- Half-acre semi-private courtyard for studying and group gatherings
- Variety of study and meeting rooms
- Comfortable common gathering space
- Room for indoor bike storage

As the new hub of the University of Southern Maine (USM) Portland campus, the three-story, approximately 42,000 square-foot Career & Student Success Center will offer a space for our students, faculty, and staff as well as alumni, employers, and community members to meet and make connections and advance the future success of USM and UMS students.

The Center's iconic design, standing out in the heart of campus, celebrates the character of the City of Portland's maritime industry as well as the State of Maine's forestry industry. The diagonal mass timber framing of the building's portico, corrugated metal elements of the facade, interior stone fireplace and natural stained wood echo the building materials found throughout the city and the state.

The Center will be built to LEED (Leadership in Energy & Environmental Design) standards, which provides for a sustainably driven construction process as well as energy-efficient day-to-day operations.

Each floor of the Center is filled with areas dedicated to fostering collaboration.

First Floor:

- 300-seat dining hall
- Fireside Student Lounge
- The University Store
- The Husky Brew cafe/pub featuring a daytime coffee & espresso bar and offering a pub-style environment in the evening

Second Floor:

- The new home of the Career & Employment Hub, including an office suite for the University's Career Services advisors
- A 4,500 square foot Multi-Purpose Room to host career fairs, employer presentations, banquets, and other events

Revised - 12/29/2020

- Private rooms for employers and students to meet for both in-person and Zoom interviews
- The Husky Dining Room, which will sit in the second floor's southeast corner with views out over the quad and into the first floor of the Center

Third Floor:

- Diversity & Multicultural Center looking out over the Residential Quad
 - An office for USM's Student Government Association
 - Various student lounge spaces for studying and socializing
- e. Changes, if any, in net square footage or ongoing operating costs resulting from the project. The project will demolish the existing Woodbury Campus Center (28,256 sq. ft.) and the Facility building (9,744 sq. ft.) while adding approximately 42,000 sq. ft. for the CSSC and 218,000 sq. ft. for the residence hall. Much of the space for the CSSC is offset by the demolition of the existing Woodbury Campus Center accounting for a partial renovation through replacement. The total increase in square footage in this building comes to approximately 14,000 sq. ft. This additional space is mainly due to an expanded student career center; providing opportunities for improved student and employer interactions. The building also provides enhanced dining operation and student gathering space to support the new on campus residents and provide better opportunities for commuter and residential students. The residence hall is all new space which will generate cash flow and enrich the student experience for the University of Southern Maine. The project creates affordable student housing on the USM campus and increases the housing portfolio to meet the past, current and projected future need.
- The operating costs of the new buildings and added square footage have been accounted for in the financial calculations for the buildings (slide 6) and will be covered through the revenue generated by the Portland Commons.
- f. Budget for the project and further elaboration on funding source and selection as needed to supplement (b) above – See (b) above
- g. Alternatives that were considered to meet the need being addressed by this project. In 2016 the University started exploring the option of leasing existing units in the Portland area. This proved unsuccessful as affordable options which would not negatively affect the student experience were not available.
- h. Timeline for start, occupancy and completion. The existing buildings have been vacated with hazardous material remediation expected to begin immediately. Once that is complete demolition would follow no later than early March. This will allow the contractor 27 months for construction and completion of the facilities with a target occupancy date of June 1, 2023.
- i. Timeline for any further consideration or action anticipated to be needed by the Board or its committees regarding this project if full authority is not being requested from the outset. As part of the city of Portland's permitting process a few items were included in the conditions of approval for the site plan application. One notable item is the mitigation of expected parking needs as a result of this project. The university continues to work with our parking consultant (Desman Design) to finalize selection of a site and design for the

proposed additional parking structure. This item is expected to be before the board for additional consideration in the coming meeting cycle.

With this agenda item the University is requesting a special meeting of the Finance, Facilities and Technology Committee at the upcoming January 24-25 Board of Trustees meeting in order to provide up to date, final budget numbers. The contractor is currently working to determine a final Guaranteed Maximum Price and expects to have that ready in time for a final decision by that date.

No further approvals are foreseen at this time.

- j. Additional information that may be useful to consideration of the item.
The following attachments are included for supplemental information:
- B&D report and slide deck on 2020 Market Demand study
 - USM slide deck
 - Renderings

TEXT OF PROPOSED RESOLUTION:

That the Finance, Facilities and Technology Committee, approves the following resolution to be forwarded for Board of Trustee approval at the January 25, 2021 Board Meeting.

That the Board of Trustees accepts the recommendation of the Finance, Facilities and Technology Committee, and authorizes the University of Maine System acting through the University of Southern Maine to increase the authorized expenditure for the development of the Portland Commons residence hall and the Career and Student Success Center building by \$92,000,000 for a new total project value of \$97,700,000. Funding for these buildings to come from University financing, University issued bond, Voter approved General Obligation Bonds and private Philanthropy.

UNIVERSITY OF SOUTHERN MAINE
Career & Student Success Center / Portland Commons
Update for FFT Committee
January 6, 2021

PROJECT BACKGROUND / CONSIDERATIONS

Project Impetus

- USM began experiencing student housing shortage in AY 2017-2018. Prior to the pandemic housing capacity rates were 110% - 115%.
- USM Portland campus has never had a residential option, even though campus hosts numerous USM classes, and strong demand exists among USM students to live and study in Portland.
 - Brailsford & Dunlavey market demand surveys conducted in spring 2019 and November 2020 both showed robust housing demand among students—sufficient enough to add Portland beds without cannibalizing Gorham demand
 - USM Enrollment Management leadership believes project plans are already driving an increase in out-of-state demand
- Portland lacks adequate affordable housing—the market has tightened considerably in recent years, and demand appears to have accelerated since the onset of pandemic.
 - Portland Mayor, City Council, and area Legislators have identified increasing affordable housing stock in the City as a top priority
- Prior to pandemic, USM was experiencing greater demand for housing from out-of-state applicants than it could fulfill.

Project Opportunity / Considerations

- Development of Portland Campus takes advantage of a leading, highly diversified UMS asset.
 - Portland residential location stands to attract / fulfill greater out-of-state demand + in-state demand among Greater Portland high school graduates
 - Unites with concept of Graduate Center, allowing Maine Law students and graduate students first-ever opportunity for residential living at below-market prices
 - Urban living experience does not exist in UMS operational portfolio → students seeking urban experience look elsewhere
- Execution of Career & Student Success Center, Portland Commons and Green Quad project fulfills significant component of USM Portland Campus Master Plan.
 - Approved by UMS BOT in January 2019
- In early 2020, after consultation with UMS and USM finance team, UMS BOT selected internal financing from three project funding models (UMS Revenue Bond / 501c3 / P3 Equity)
 - Financing model's projected returns remain profitable
 - Since January, pandemic has occurred. November B&D survey demonstrates continued robust demand, but post-pandemic conditions remain unknown

PROJECT STATUS / FINANCES

Project Status

- **January 2020:** UMS BOT authorizes USM to expend up to \$5.7m in pre-development work on CSSC & Portland Commons residence hall project.
 - USM/UMS executes \$5.7m pre-development agreement with CDP in May
- **November 2020:** City of Portland Planning Board unanimously approves project site plan with sufficient parking as condition of approval.
- **June 2020 – January 2021:** USM/UMS negotiates Development Agreement with Capstone Development Partners.
 - Estimated project costs of \$70.7m for Portland Commons Residence Hall and \$27m for the CSSC
 - Estimates based on 60% construction documents; will be updated January 21 with final guaranteed maximum price (GMP)
- **January 2021:** USM/UMS seeking to execute construction phase of the project.
- **Winter / Spring 2021:** Demolition of Woodbury Student Center and 25 Bedford Street; begin construction of CSSC and Portland Commons project with a **completion date of June 2023** → project timeline is on track.

Project Finances

- **February 2020:** BOT authorized UMS to issue \$95m in revenue bonds to support USM's proposed Career & Student Success Center, Portland Commons, and associated parking needs.
- **Portland Commons:** Estimated project cost is \$70.7m. Projected cost falls within range of \$65m - \$74m presented to BOT but is greater than \$65m - \$68m range in PDA.
 - Increased projection due to Passive House costs exceeding estimates, Building Committee's decision to upgrade exterior cladding (+\$1m), Planning Board condition of pedestrian improvements (\$130k), and current construction market conditions (+\$2m)
 - Energy & maintenance savings are expected from Passive House and exterior upgrade, respectively; value engineering to save \$1m
 - Financing strategy of utilizing bank loan until post-project completion revenue bond issuance expected to save \$2.9m in financing costs

Project Finances (cont'd)

- **Career & Student Success Center:** Estimated project cost is \$27m. USM will fund with \$19 million in voter-approved bond funding, philanthropy, and debt
 - Project costs > \$25m estimate due to current construction market conditions + project scope
 - USM/UMS reduced the budget from \$31m following pandemic outbreak

Combined Project (PC / CSSC) Estimated Return @ 95% occupancy

- **50-year NPV = \$52.0m**
 - Conservative modeling accounts for R&R transfers, combined operations coverage, and full funding of debt service for CSSC (i.e., with no additional philanthropy). Absent debt service, NPV = \$58.1m
 - P3 Equity Model NPV = \$4.3m (60-year ground lease)
- **Combined PC / CSSC Cash Flow: Year 3* = \$526k; Year 10 = \$1.36m**
 - Absent CSSC debt service, cash flow Yr 3* = \$885k; Yr 10 = \$1.72m
- Execution risk: continued strong projections do not eliminate risk inherent in University-owned project with associated debt service payments

* Year 3 represents weakest projected cash flow annual period due to onset of principal payments.

MARKET DEMAND SURVEY RESULTS

Student Housing Survey

- **Following USM's presentation to the FFT Committee on September 2, the University engaged Brailsford & Dunlavey (B&D) to conduct an updated survey** of USM undergraduate, graduate, and Maine Law students to assess demand for housing on USM's Portland campus.
- This survey followed the B&D survey from 2019 and was conducted during November 2020.
 - Online survey targeted at all USM students directly informed B&D's demand model
- Response rate was greater in 2020 than original 2019 survey.
 - Responses received from 1,351 USM students
 - 17% of student population responded to survey in 2020 compared to 11% in 2019
- Survey results reflect overall demand for on-campus housing at USM is stronger now than in 2018-2019.
 - Increased demand for housing on the Gorham and Portland campuses → 1,899 in November vs 1,757 in spring 2019 (+8%)
 - Housing guideline shift adding Sophomore eligibility for Portland Commons would ensure more robust demand based on submarket variation from prior survey

Student Housing Survey (cont'd)

Key Survey Findings

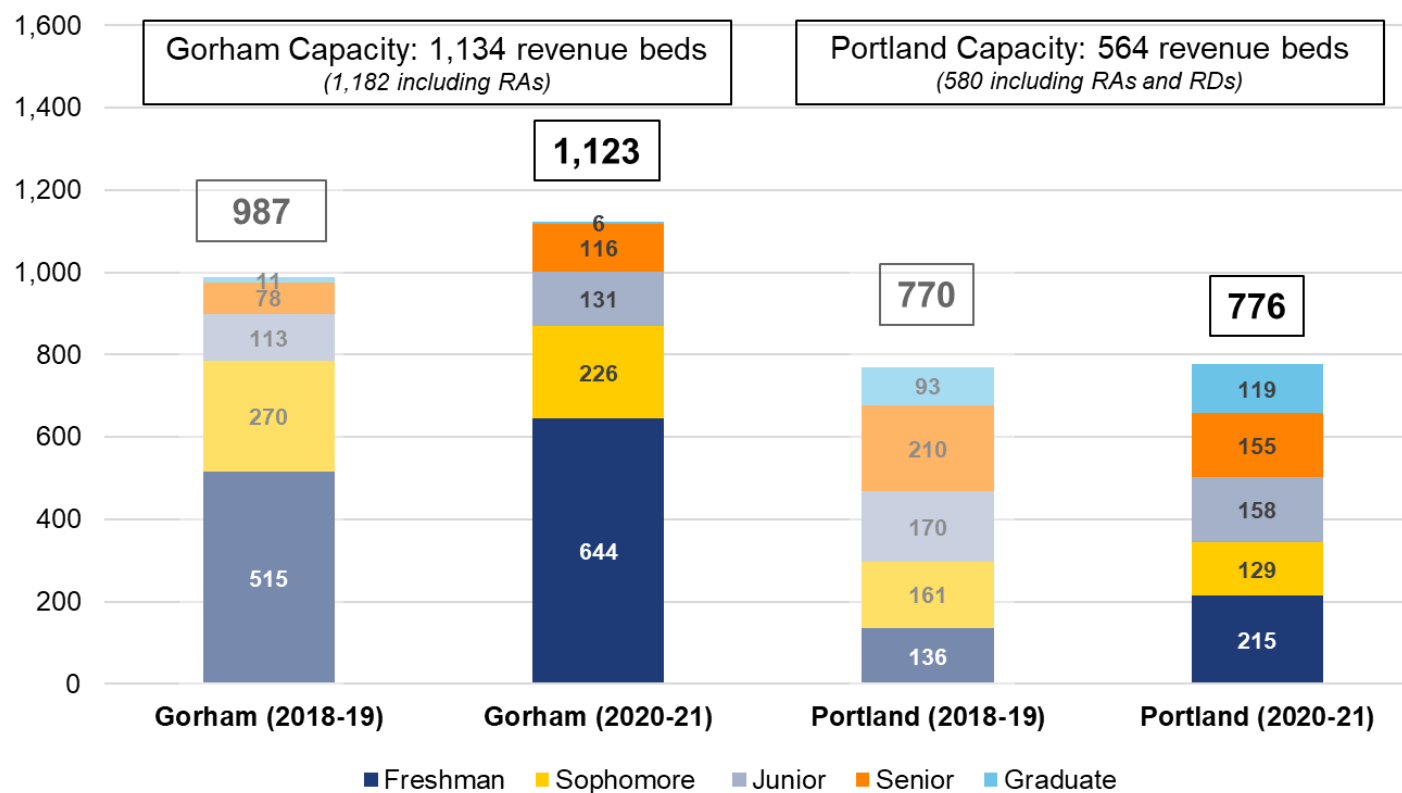
- On-campus housing costs have become even more attractive as compared to the off-campus market as average rental rates both in and outside of Portland continue to increase
- 2020 survey shows students renting off campus paid 23-24% more in average rent and utilities than in the 2018-19 academic year
- Students renting off campus generally chose not to sacrifice their unit type preferences (private bedroom / bathroom, etc.) to save on rent
- While student renters highly prioritize affordability, proximity to campus and unit type are also important housing decision factors
- The COVID-19 pandemic has not negatively impacted USM students' desire to live in on-campus housing

Student Housing Survey (cont'd)

Key Survey Findings – Raw Demand

- Overall demand for on-campus housing increased 142 beds (+8%).
- Without adjustment for class level guidelines, Gorham demand = 99% of capacity and Portland demand = 138% of capacity.

Demand for Housing by Class Level

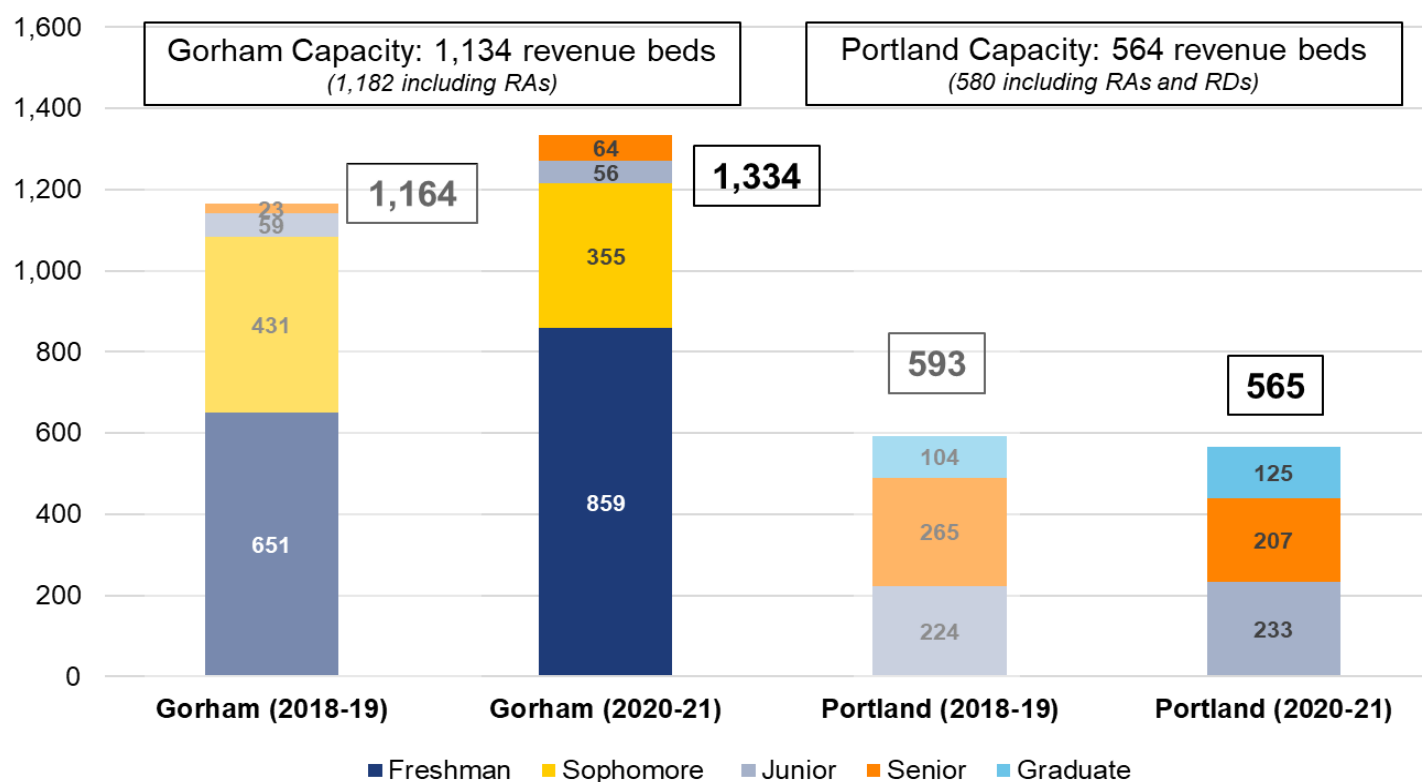


Student Housing Survey (cont'd)

Key Survey Findings – 2018 Guidelines

- Portland Commons to house only juniors, seniors, grad / law.
- With the applied guideline, demand for Portland Commons meets existing program; demand for Gorham exceeds capacity.***

Demand for Housing: Class Level Guidelines Adjustment

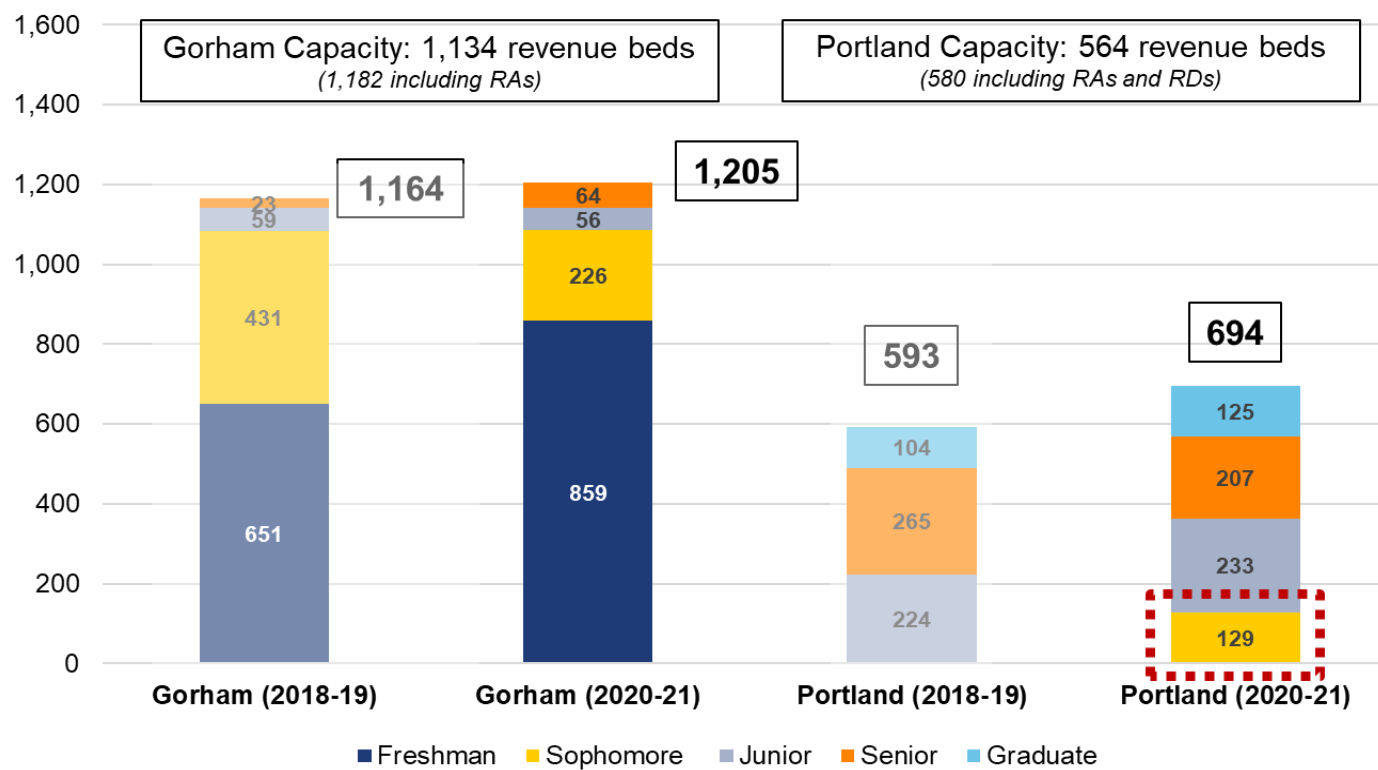


Student Housing Survey (cont'd)

Key Survey Findings – Updated Guidelines

- Portland Commons to house sophomores, juniors, seniors, grad / law.
- With the applied guideline, demand for Portland Commons well exceeds capacity; demand for Gorham exceeds capacity.***

Demand for Housing: NEW Class Level Guidelines 2020-21



Related Parking Project

- **New Structured Parking on USM Portland Campus:** In July, USM/UMS selected Desman Design Management to design garage
 - USM/UMS held project kickoff meeting with Desman on August 10
 - Desman first conducted a site plan review, analyzing four sites on USM's Portland campus. Based on Desman's review and recommendation, the Structured Parking Building Committee (SPBC) will select a site for the new garage
- **Schematic Design is scheduled to begin this month**
 - BOT approval for parking garage expenditures included up to \$1.2 million for initial design, with Chancellor sign-off required for expenditures in excess of \$400,000
- **Project will have a separate City Planning Board process**
 - SPBC to submit for Planning Board approval during spring 2021
 - Construction to be completed by the spring of 2023

Career & Student Success Center Residence Hall View of Quad



Career & Student Success Center Residence Hall Bedford Street View in Spring



Career & Student Success Center Residence Hall Bedford Street View in Winter



Career & Student Success Center Residence Hall Bedford Street Façade and Residence Hall Entry



Career & Student Success Center Residence Hall Crossing Bedford Street from Wishcamper



Career & Student Success Center Residence Hall Lobby of CSSC



Career & Student Success Center Residence Hall South Façade of CSSC



Conclusion

- The Career & Student Success Center, Portland Commons Residence Hall, and the Green Quad will **fulfill a significant portion of USM's Portland Campus Master Plan.**
- **The project will transform USM's Portland campus**, adding affordable on-campus housing, which has been prioritized by City leaders, and creating a state-of-the-art Career & Student Success Center.
 - Students will be able to congregate, dine, study and pursue career-related activities
 - Project will frame a campus green that will become USM's Portland entryway
- **Achieves key University objectives:**
 - *Transform surface parking lot into Residential Quad*
 - *Add affordable student housing on USM Portland campus*
 - *Balance design and construction quality with impactful commitment to sustainability*



BRAILSFORD & DUNLAVEY

Brailsford & Dunlavey, Inc.
INSPIRE. EMPOWER. ADVANCE.

MEMORANDUM

DATE: December 11, 2020

TO: University of Maine System, Board of Trustees

FROM: USM Student Housing Project Team, Brailsford & Dunlavey, Inc.

RE: Portland Commons Demand Confirmation

INTRODUCTION

In 2018, the University of Southern Maine ("USM") and the UMaine System ("UMS") engaged Brailsford & Dunlavey ("B&D," the "Project Team") to provide development advisory services for a potential new housing development on USM's Portland Campus. B&D conducted a student housing market and demand analysis, which confirmed the feasibility of a new student housing development for upper-division undergraduate students and graduate/law students at Portland. In early 2020, USM selected a development partner and began the design of a 580-bed suite- and apartment-style housing project, Portland Commons. Portland Commons includes 580 beds, including 16 beds for RAs and RDs. Portland Commons is slated to open in spring 2023, concurrent with the opening of an adjacent Career and Student Success Center.

In fall 2020, in light of the impact of the COVID-19 pandemic on higher education, USM re-engaged B&D to confirm demand for on-campus housing at USM and therefore assess occupancy context for Portland Commons upon opening in 2023.

Executive Summary

The results of the housing market and demand analysis indicated that overall demand for on-campus housing at USM is slightly stronger now than when students were last surveyed in 2018-19. The following key findings supported the outcome of the demand analysis:

- ◆ On-campus housing costs have become even more attractive as compared to the off-campus market as average rental rates both in and outside of Portland continue to increase.
- ◆ USM's undergraduate student population has decreased 5% since 2018-19 due to the pandemic. Graduate and law enrollment grew 11% and 2%, respectively.
- ◆ The COVID-19 pandemic has not negatively impacted USM students' desire to live in on campus housing.
- ◆ Variations in demand within class level submarkets impact the ideal occupancy balance between Portland and Gorham. Therefore, the Project Team recommends that USM consider an adjustment to the class level guidelines from 2018-19 to balance demand and minimize occupancy risk for housing between Portland Commons and the Gorham campus.
- ◆ To best position Portland Commons for success, USM must continue to deliver the strongest possible freshman residential experience on the Gorham campus.

HOUSING MARKET ANALYSIS

Project Approach

To project demand for on-campus housing as accurately as possible, B&D conducted a series of analyses to identify fluctuations in key factors in demand for on-campus student housing and determine how the pandemic may have influenced students' housing perspectives. The analyses included the following:

- ◆ **Demographic Analysis** to define and size the primary target market for student housing at both campuses. The Project Team examined long- and short-term enrollment fluctuations at the sub-demographic group level to determine their possible impact on demand.
- ◆ **Off-Campus Housing Market Analysis** to identify rental rate and vacancy dynamics within the Southern Maine multi-family housing market that directly impact the competitiveness of on-campus housing with rental properties both inside and outside the City of Portland boundaries.

Student Survey & Housing Demand Analysis to assess students' housing preferences and their demand for on-campus housing at Portland and Gorham. In total, data was collected from more than 1,351 respondents, about 17% of the USM student population. The response rate also represented a 6% increase from the 2018-19 survey, which received responses from 11% of the student population at that time. To achieve a statistically representative sample in 2020-21, the survey needed to receive a minimum of 942 responses. With 1,351 responses, the survey results achieved a 2.7% margin of error and 95% confidence interval. The statistical strength of the survey allowed for an in-depth analysis of housing preferences by demographic subpopulation.

B&D projected demand for on-campus housing at both campuses using statistically significant survey responses and 2020-21 enrollment figures. The survey asked students to select their preferred housing choice from unit types and room rates offered at Portland Commons as well as on the Gorham campus. Students were also allowed to indicate that they would prefer to live off campus. B&D then applied a series of filters to student demand for on-campus housing based on demographic risk and likelihood to live on campus.

Off-Campus Market

The local housing market in Southern Maine is very competitive and has experienced continued rental rate growth and vacancy decline in recent years. These trends are expected to continue in the near-term, though the recent passage of a rent control referendum in Portland seeks to limit rent increases to inflation. As of fall 2020, no immediate delivery new multi-family housing developments were identified in the pipeline in Portland or Gorham.

In the survey, USM target market students living off campus reported paying 23-24% more in rent and utilities than 2018-19. A greater percentage of students are also entering into 12+ month leases, as opposed to more student-friendly semester or academic year leases, than in 2018-19. These dynamics are seen both for students renting in the City of Portland and outside of it.



Figure 1: USM Sub-Demographic Groups, Rental Rate Comparison.

In addition, USM target market students have not significantly changed their unit type or roommate preferences since 2018-19, which indicates they are not willing to sacrifice these factors when making housing choices.

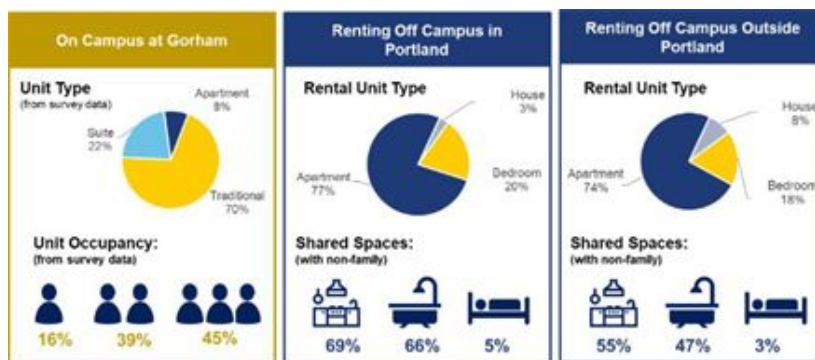


Figure 2: USM Sub-Demographic Groups, Unit Type & Shared Space Comparison.

In a competitive housing market, it is expected that students will prioritize affordability in their housing search. Students also indicated that their preferred unit type configuration (e.g., private bedrooms, private bathrooms) and proximity to campus and on-campus resources are highly important.

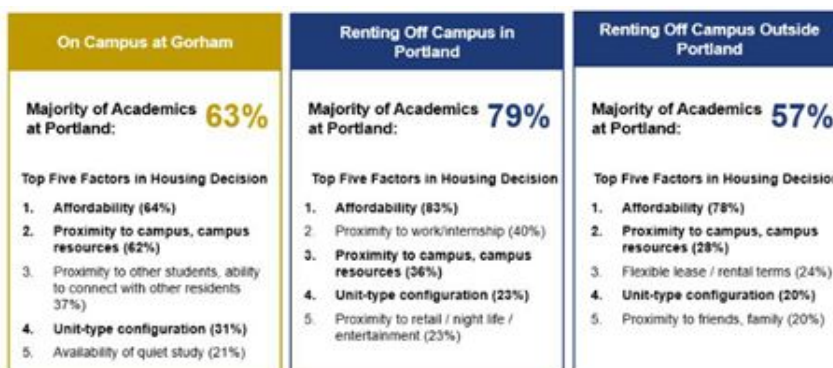


Figure 3: USM Sub-Demographic Groups, Top Five Housing Decision Factors Comparison.

Portland Commons offers students a variety of suite- and apartment-style unit types with monthly rental rates ranging from \$792 to \$1,240 per month in 2019\$. Therefore, the rent increases seen in the off-campus market and reported by USM students indicate the offerings at Portland Commons and on the Gorham campus continue to become even more attractive when compared to the off-campus market.

COVID-19 Impact

The COVID-19 pandemic has impacted the campus experience at USM; since the spring 2020 semester, the University has limited in-person instruction at its campuses, and residence halls on the Gorham campus are at reduced capacity. Across the nation, almost all institutions of higher education have adjusted their residential policies to limit the spread of COVID-19 on campus. B&D has continued to conduct student housing market and demand analyses during this time, focusing on the impact of the pandemic on students' future housing preferences. Across the nation, student housing demand among enrolled students has generally remained steady. In some cases, demand for on-campus housing has increased as students have realized the importance of campus life in their student experience.

To accurately assess student demand in a post-pandemic environment at USM, students were asked to respond to the survey with their housing preferences upon a full return to in-person instruction and normalized residential experience. The survey also asked students to reflect upon the direct impact the pandemic has had on their perspective of living on campus. Undergraduate students (18%) who previously preferred living off campus indicated a strong desire to live on campus once USM returns to full in-person instruction. Only 6% of undergraduates who previously preferred living on campus would change their behavior and choose to live off campus / at home because of the pandemic. Seven percent (7%) of graduate students who previously preferred living off campus would move on campus, while 3% living on campus would move off. Though the long-term effects of the pandemic are unknown, results indicate both undergraduate and graduate USM students continue to value a residential experience.

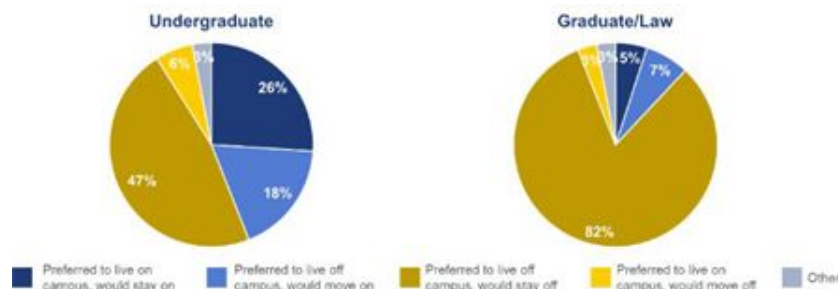


Figure 4: USM Undergraduate and Grad/Law, COVID-19 Impact on Housing Decision. Note: percentages reflect the housing perspectives of the full student population, not just the target market for on-campus housing

Enrollment Trends

In 2018 and 2019, overall enrollment at USM began to rebound after experiencing several years of decline. To compare demand results from the previous housing market analysis, it is important to evaluate how enrollment has shifted from 2018-19 to 2020-21. Due to the pandemic, undergraduate enrollment declined 5% since 2018-19, however graduate and law enrollment have grown 11% and 2%, respectively.



Figure 5: USM Historical Enrollment, fall 2011 to fall 2020.

DEMAND OUTCOME

Approach

B&D utilized its propriety demand-based programming model, which projects student survey data onto current enrollment figures to quantify market demand for on-campus student housing. Student respondents were presented with unit types and price points available at Portland Commons or at improved housing on the Gorham campus. Students were then asked to identify their preferred housing option, including the option of living off campus, assuming a return to in-person instruction once the pandemic subsides.

Target Market & OCRs

The Project Team developed a target market of respondents likely to live in on-campus housing to project quantification of demand. B&D utilized the same target market criteria from the 2019 student housing market analysis to directly compare the data to the 2019 findings. The target market criteria included only the following students:

- ◆ Students of full- and part-time degree-seeking status;
- ◆ Currently living on the Gorham campus OR;
- ◆ Contributing \$500+/month to rent off campus and not living with family members or dependents.

All students who did not meet the aforementioned criteria were excluded from the demand analysis. Consistent with the previous demand assessment and mitigate risk to the University, B&D applied an occupancy coverage ratio (OCR) discount to demand numbers based upon classification level.

Demand Findings & Policy Overlays

Since 2018-19, overall demand for on-campus housing at USM has increased by 142 beds. Without any adjustment for classification level, the demand for beds at the Gorham campus is at 99% of the existing bed capacity. Demand for beds at Portland Commons is at 138% of bed capacity.

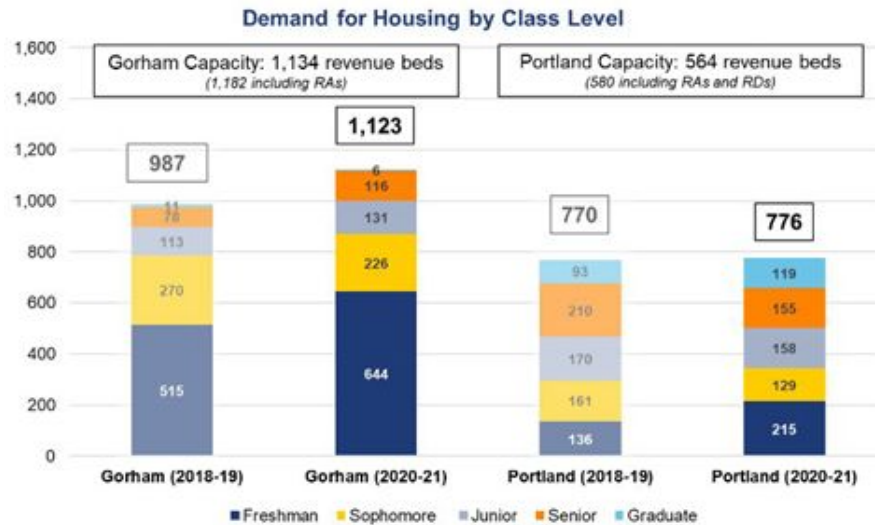


Figure 6: Student Demand for Housing by Classification Level (Gorham and Portland).

In 2019, the University identified a guideline to mitigate potential occupancy risk at the Gorham campus when Portland Commons opens. The guideline was to meet junior, senior, and graduate/ law demand at Portland Commons, with the exception of student athletes. Freshman and sophomore demand, as well as junior and senior student athlete demand, would be accommodated at the Gorham campus. Utilizing this same approach, Gorham demand (1,334 beds) exceeds existing capacity (1,134 revenue generating beds) and Portland demand (565 beds) meets the existing program for Portland Commons (564 revenue generating beds).

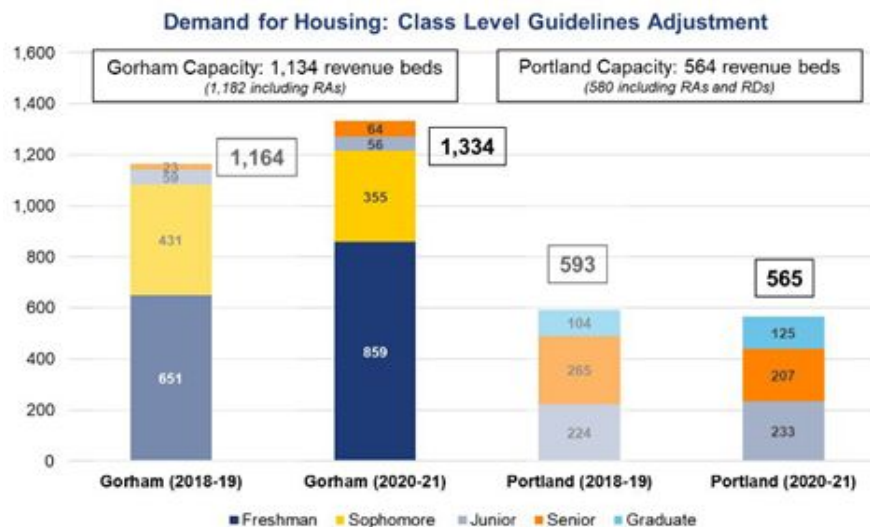


Figure 7: Student Demand for Housing: Class Level Guidelines Adjustment (Gorham and Portland).

To balance the housing system and reduce risk for Portland Commons, the Project Team recommends revising the previous approach to allow sophomores whose first choice was Portland to live at Portland

Commons. With the revised guideline, Portland demand (694 beds) exceeds the existing program and relieves pressure from the Gorham campus with demand for 1,205 beds.

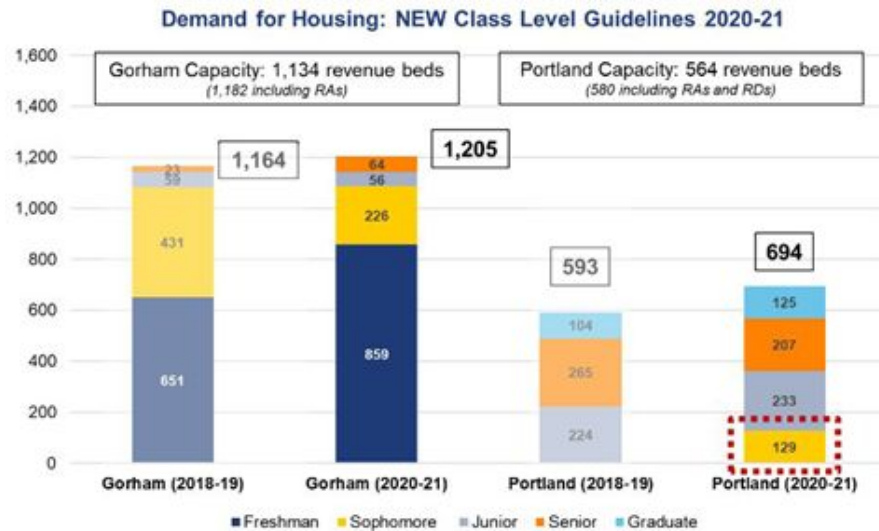


Figure 8: Student Demand for Housing: NEW Class Level Guidelines (Gorham and Portland).

CONCLUSION & RECOMMENDATIONS

The results of the 2020 housing market and demand analysis demonstrate that the COVID-19 pandemic has not negatively impacted demand for on-campus housing at USM. The Project Team recommends that USM consider an adjustment to the class level guidelines from 2018-19 to balance demand and minimize occupancy risk for housing on each campus. In addition, in light of increased demand from freshman students in particular, it will be important for USM to deliver the best possible residential experience at Gorham in the immediate-term to retain those students in on-campus housing as they matriculate and eventually consider living at Portland Commons as junior and senior students.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Reimbursement Resolution – University of Maine Energy Center (UMEC) Project

INITIATED BY: James Donnelly, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:
Section 712 Debt Policy

UNIFIED ACCREDITATION CONNECTION:
N/A

BACKGROUND:

The University of Maine System (UMS) proposes to issue revenue bonds to finance design services related to Phase II of the University of Maine (UM) Energy Center (the UMEC Project). As such, a resolution to provide for reimbursement from bond proceeds of UMEC Project expenditures made prior to bond issuance is enclosed for Board review and approval. The March 24-25, 2019 Board of Trustees meeting Agenda Item Summary titled *Energy Project Phase II Approval Request, UM*, provides a summary of the UMEC Project and has been included with these materials for reference.

At its March 25, 2019 meeting, the Board of Trustees authorized the UMS acting through the UM to pursue the UMEC Project and to enter into agreements under which as much as \$5.7 million could be expended from University funds identified by the Chief Business Officer, subject to review by the Vice Chancellor for Finance and Administration and Treasurer and University Counsel.

The overall UMEC Project as preliminarily conceived offers the promise to provide significant and meaningful collective benefits, including environmental advantages, cost containment, price stability, increased reliability, and a greater focus on local energy and investments. The UMEC Project concept envisions a new energy plant constructed at the University of Maine, which will include combined heat and power. In addition to achieving carbon reductions and fiscal benefits, the UMEC Project would replace critical steam and electrical infrastructure that has reached or exceeded its useful life.

Upon execution of the Project Development Agreement between the parties, Phase II will commence and include the design work needed to refine and confirm the UMEC Project scope and includes financial commitments from the UM to the design-builder, Honeywell International Inc. (Honeywell), of the UMEC Project. The UM anticipates that, at the conclusion of Phase II, it will bring a firm fixed price and agreements to the Board for consideration and approval to commence Phase III of the UMEC Project, which is for final design and construction of the UMEC Project.

The UM anticipates needing additional revenue bonding for capital investment costs should the UMEC Project move to Phase III as is currently expected. While the total cost of the UMEC Project

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will not be known until Phase II is completed, for purposes of the reimbursement resolution, UM expects that the amount of bonds to be issued for the UMEC Project will not exceed \$130,000,000.

The \$5.7 million noted above includes anticipated costs for various experts to support the UM's own diligence and contractual obligations (under Phase II) to its contractor in the UMEC Project (Honeywell) for design services. The reimbursement resolution that is before you today includes a **maximum** amount of \$5 million for funding the Phase II, Schematic Design Phase, and to allow for any applicable capitalized interest, reserves, costs of issuance, any changes in interest rates or use of taxable or tax-exempt bonds, and related construction costs.

To date, Honeywell has worked with the UM to develop a comprehensive economic model of the UMEC Project which was reviewed by both CES and the Celtic Energy. This due diligence indicates preliminary estimates for a total capital investment, including Phase II, could approach \$130 million, as noted above. This Phase II will enable Honeywell, working with the UM, to modify the design as appropriate to calculate capital investment costs and resulting returns in order to arrive at the desired outcome most attractive to the UM and to determine the related savings that will be used to support UM's debt service payments.

With the significant number of projects, including the UMEC Project, in process throughout the UMS, management will continue to assess all estimated project cash flows to determine the best funding options including the most efficient number and appropriate timing of revenue bond issuances. At this time, UMS intends to use interim financing and/or internal resources to fund some or all of the various projects in anticipation of refinancing with future revenue bond issuances over several years to avoid unnecessary financing costs. Those other projects have or will come separately to the Finance, Facilities and Technology Committee for financing approval. The UMS is currently working with a consultant on a Request for Proposals related to interim financing opportunities to support these objectives.

At June 30, 2020, UMS had total outstanding long-term debt of \$138 million. Maine Revised Statutes currently limits UMS borrowing authority to \$350 million in principal outstanding, making Phase II of the Project well within its authority.

TEXT OF PROPOSED RESOLUTION:

That the Finance, Facilities and Technology Committee approves the following resolution to be forwarded to the Consent Agenda for Board of Trustee approval at the January 25, 2021 Board Meeting.

That the Board of Trustees accepts the recommendation of the Finance, Facilities and Technology Committee, and approves the resolution entitled "Reimbursement for Project Expenditures" resolution with respect to financing the University of Maine Energy Center Project (the UMEC Project).

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RESOLUTION OF THE TRUSTEES OF THE UNIVERSITY OF MAINE SYSTEM

REIMBURSEMENT OF PROJECT EXPENDITURES

Be it resolved that, for purposes of U.S. Treasury Regulation §1.150-2, the University of Maine System reasonably expects (1) to incur debt to reimburse expenditures (including expenditures made within the last 60 days), such expenditures to be made to pay the cost, or a portion of the cost, of planning, design, acquisition, construction, reconstruction, improvement, renovation, rehabilitation and equipping of the project described below (the “Project”) and (2) that the maximum principal amount of debt to be issued by the University of Maine System for the Project including for reimbursement purposes is One Hundred Thirty Million Dollars (\$130,000,000).

PROJECT**University of Maine:**

The University of Maine Energy Center Project (the “Project”) is currently expected to consist of a new energy plant constructed at the University of Maine, which will include combined heat and power. In addition to achieving carbon reductions and fiscal benefits, the Project would replace critical steam and electrical infrastructure that has reached or exceeded its useful life.

Upon execution of relevant agreements, Phase II of the Project will commence and include the design work needed to refine and confirm the Project scope and will include financial commitments from the University to the design-builder of the Project. The conclusion of Phase II of the Project will result in a firm fixed price and agreements to be brought to the Board for consideration and approval to commence Phase III of the Project, which is for final design and construction of the Project.

This Resolution shall take effect immediately.

ADOPTED: January 21, 2021



AGENDA ITEM SUMMARY

1. **NAME OF ITEM:** Energy Project Phase II Approval Request, UM
2. **INITIATED BY:** James H. Page, Chancellor
3. **BOARD INFORMATION:** **BOARD ACTION:** X
4. **OUTCOME:** **BOARD POLICY:**
 Improve Student Success and Completion 701 – Budgets-Operating & Capital
 Enhance Fiscal Positioning
5. **BACKGROUND:**
 This is an update regarding the proposed energy center project at the University of Maine and request by the University of Maine System acting through the University of Maine to proceed to the next phase of the project in which the University will have financial risk for the first time.

 In order to continue the project, UM is requesting to expend as much as \$5.7 million in connection with the costs of its own experts and diligence as well as the cost of the contractual obligations to the private partner in the project. Of that total, \$4.2 million could be due to Honeywell for design services and the remaining \$1.5 million is the anticipated cost for various experts to support the University's own diligence.

 The project concept as currently envisioned ultimately would see a new energy plant constructed at UM including a 6 megawatt combined heat and power plant fueled by sustainably harvested wood energy and a 6 megawatt direct current solar photovoltaic system to provide, distribute, and manage steam and electricity. For context, the Calpine power station in Westbrook is 552 megawatts and a publicly claimed capacity to power 500,000 homes. In addition to achieving carbon reductions and fiscal benefits, the project would replace critical steam and electrical infrastructure that has reached or exceeded its useful life.

 Honeywell asserts that its proposal will provide the University with approximately \$111 million of cumulative savings (in excess of \$50 million of savings on a relative net present value basis) over a thirty-year analysis period compared to a Base Case.

 This request to continue with project diligence and planning is pursuant to prior commitments made to Trustees when the initiative was first presented in January 2016 as well as pursuant to Board of Trustee Policy 701. Typically, the University determines and designs the best solution for a given situation and then seeks construction bids. However, this project was pursued initially as a power purchase agreement in which the University defined the thermal and electrical energy challenge and then opened the doors through a public, competitive process to the private sector to propose solutions. As stated in 2016: "In this case, the solution or solutions will emerge from the competitive process rather than be determined by the University ahead of time...to ensure transparency and notice, the University is alerting Trustees now of this plan and approach."

The University subsequently published a solicitation in February 2016. An initially selected partner withdrew from the project in February 2018 and the University then awarded the right to negotiate to the ultimately selected and current partner: Honeywell International Inc.

The information provided to Trustees in 2016 further stated: “Should this initiative result in capital improvements, leases or other matters requiring Trustee consideration – under Policies 701, 801 or 802, for example – those matters would return to the Trustees in the future and prior to the execution of any binding agreements.”

That point has now arrived. Honeywell has proposed a major project with an estimated capital investment cost of \$123 million +/- 30%. The project as preliminarily conceived involves replacement of core infrastructure at or beyond its anticipated lifecycle, new biomass and solar energy production facilities, environmental advantages, cost containment, price stability, increased reliability, and a greater focus on local energy and investments.

All preliminary design and project development discussions indicate the project would be advantageous to the University. As summarized by Competitive Energy Services, a 3rd party energy firm advising the University on the project:

“CES reviewed Phase 1 materials for Honeywell’s proposed UMaine Energy Center (UMEC). CES finds that the UMEC would reduce overall energy efficiency compared to current conditions. The efficiency reduction is offset by: (1) lower fuel costs (2) reduced greenhouse gas emissions and (3) infrastructure upgrades. Subject to issues detailed in our memo dated 11/13/2018, and to the understanding that Phase 2 will refine the project design, CES believes it reasonable to proceed to Phase 2. It is not possible to quantify fiscal savings in Phase 1; CES expects that information required to estimate savings will be developed in Phase 2.”

In general, the now-concluded Phase I of this project has involved the negotiations between the parties to preliminarily define the project and estimate its benefits. Honeywell, which has been working on the project for more than a year, has borne the risk of Phase I. Phase II, the currently proposed phase, is the design work needed to firm up the project scope and financials. The conclusion of Phase II will result in a firm fixed price and agreements to be brought to the Board for consideration and approval to commence Phase III of the project, which is the final design, construction and start of service.

The Finance, Facilities and Technology Committee approved this item at its March 6, 2019 Finance, Facilities and Technology Committee Meeting. The item, pursuant to Trustee policy, requires the approval of the full Board of Trustees and has been placed on the Consent Agenda for Board of Trustee approval at the March 24-25, 2019 Board meeting in compliance with Trustee policy.

6. TEXT OF PROPOSED RESOLUTION:

That the Board of Trustees, following the vote of approval for this item by the Finance, Facilities and Technology Committee, authorizes the University of Maine System acting through the University of Maine to pursue the University of Maine Energy Center project and to enter agreements under which as much \$5.7 million could be expended from University funds identified by the Chief Business Officer and Treasurer, subject to review by the Vice Chancellor for Finance and Administration and Treasurer and University Counsel.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Proposed Changes to Board of Trustee Policy 803 *Naming of Physical Facilities*

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:
803 Naming of Physical Facilities

UNIFIED ACCREDITATION CONNECTION:

This revised Board policy will provide clarity for naming, renaming and remove of names of physical facilities for consistency among all campuses.

BACKGROUND:

At the September 28, 2020 Board of Trustees meeting, the Board was charged to establish a working group to consider the factors relied upon by the C.C. Little Hall Name Task Force in its June 23, 2020 report and recommendation for this name change and determine whether these factors or others should be expressly incorporated into Board Policy 803 to guide the Board's consideration of future naming recommendations of this nature. Board Policy 803 is currently silent about the removal or renaming of facilities.

Chair Erwin appointed an Ad Hoc Working Group for the Naming of Physical Facilities. Members of the Ad Hoc Group are: Trustee Mark Gardner, as Chair; Trustee Emily Cain; Ainsley Wallace, USM Foundation President & CEO; Liam Riordan, UM Professor; and Ellen Doughty, Clerk of the Board. This group was charged with drafting a change to Board of Trustee Policy 803 or developing a new policy to provide guidance and consistency for new naming opportunities or removal of names.

The Ad Hoc Group met several time to review the current policy, discuss the Little Hall Task Force Report, and examined naming policies from other university systems. The Ad Hoc Group developed a revised draft Policy 803 and distributed it to key stakeholders for feedback, including Presidents, General Counsel's Office, and UM and USM Foundation and Development staff members.

The feedback received has been incorporated into the proposed Policy that is being presented as an information item to the Finance, Facilities, and Technology (FFT) Committee for the January 6th meeting. The proposed Policy will be updated again to include input from the FFT Committee before being presented to the full Board, as an information item, at the January 25, 2021 meeting. The proposed policy will then be presented as an action item at the March FFT Committee meeting the March Board of Trustees meeting.

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UNIVERSITY OF MAINE SYSTEM

Policy Manual

FACILITIES

Section 803 Naming of Physical Facilities

Effective: 04/10/70

Last Revised: 03/18/02; 05/17/99

Responsible Office: Facilities

Policy Statement:

1. A physical facility is a structure or assembly of structures enclosing or defining an occupiable space or activity area. For the purposes of this Policy, this definition includes major additions and renovated structures, but does not include individual rooms within buildings, outside areas such as gardens or athletic fields, or physical objects such as fixtures and equipment.
2. The naming of any physical facility in the University of Maine System is reserved to the Board of Trustees. Naming of any other campus area or object is reserved to the President of that University.
3. Facilities may be named for any individual, living or dead, except for current employees or current members of the Board of Trustees. Other acceptable names include, but are not limited to, geographical designations, functions, or University groups.
4. Facilities may be named for, or on the recommendation of, a major contributor to the cost of the facility. A contribution equivalent to at least 25% of the project cost is suggested for a naming gift for a physical facility.
5. Naming gifts may also be made when a donor establishes an endowment whose income is adequate to provide at least 75% of expected annual operating costs (utilities, custodial and maintenance).
6. Recommendations to the Chancellor and Trustees for names of physical facilities shall be made by the President of a University after consultation with such committees as may be established for this purpose. The Chancellor may recommend exceptions to any of these guidelines under unusual circumstances.

UNIVERSITY OF MAINE SYSTEM
Policy Manual

DRAFT REVISED POLICY

FACILITIES

Section 803 Naming and Renaming of Physical Facilities

Effective: 04/10/70

Last Revised: 03/18/02; 05/17/99; this draft 12/7/20

Responsible Office: Facilities

Policy Statement:

1. **Definition.** The term “physical facility” is defined as a building or assembly of buildings enclosing or defining an occupiable space or activity area. For the purposes of this Policy, this definition includes major additions and renovated structures, but does not include interior spaces within buildings, such as lobbies, auditoria, dining and function rooms, classrooms, and offices, exterior campus spaces such as fields, terraces, greens, courtyards, gardens, or athletic fields, or physical objects such as fixtures and equipment. Naming opportunities may include new facilities that are to be constructed or acquired, existing facilities that are undergoing major or minor renovations, or existing facilities that are not undergoing renovations.
2. **Authority.** The authority for naming any physical facility in the University of Maine System shall be reserved to the Board of Trustees, acting after receiving the proposal from the Chancellor at the recommendation of a University President or Dean of the Law School. Donors, honorees, or benefactors should be informed through any naming discussions that final naming approval for all University facilities rests with the Board of Trustees. Naming of any other campus area or object rests with the President of that University.
3. **Commemorative Naming Criteria.** A building name is a symbolic and public statement, reflecting the highest values and ideals of the University and its community. Generally, facilities are named for distinguished individuals who have made extraordinary contributions of a scholarly, professional, or public service nature related to the university’s mission. In some cases, buildings may be named for benefactors or donors who advance the university’s mission through significant philanthropy. While facilities may be informally assigned a working or administrative name at the campus level, the Board of Trustees shall formally assign commemorative names, which fall into two categories: honorific or memorial naming and benefactor naming.
 - a. Honorific or memorial naming: Facilities may be named to honor someone, living or dead, who embodies the university's ideals and reputation through distinguished accomplishments that advance the university and/or the public good. Serving Trustees, current elected officials, and current UMS employees are not eligible for a naming opportunity except in extraordinary circumstances.

- b. Benefactor naming: A donor may be recognized when a person, organization or corporation has provided substantial funding for a facility or other entity as defined below. Each University may offer such opportunities to acknowledge donors' roles in advancing its mission and so that as an institution the university can express its deep appreciation in a concrete manner. Naming opportunities are not transactional in nature; they are not offered "for sale." The university president will advise what is considered "substantial funding" based on the project and the naming opportunities. Consideration shall be given to the visibility and use of the space, current market, donor interest, and campus and peer institution comparables. Criteria shall include:
 - i. New Construction (which may include maintenance endowments): Gift amounts shall provide a substantial portion of the project's total cost.
 - ii. Existing Facilities: The gift(s) shall provide a substantial amount of funding for maintenance, repairs, and/or enhancement or renovation of a facility or space.
4. **Morals Clause.** The University of Maine System depends on public goodwill to accomplish its educational mission and to attract governmental and philanthropic support. As naming a facility is a public honor that implicitly associates the values, character and reputation of the honoree with the University of Maine System, it must be undertaken with well-considered judgment. Therefore, all gift agreements for naming physical facilities shall, without exception, include a morals clause. Should the UMS Board of Trustees find that a designed name brings discredit upon the university (as explained in items 7 and 8 below), the moral clause should state that the unusual circumstances leading to renaming shall not impose financial responsibilities on the UMS or the individual campus.
5. **Naming Process.** Recommendations to the Trustees for names of physical facilities shall be made by the Chancellor, after receiving a recommendation from the President of a University or Dean of the Law School, after consultation with such campus committees as may be established for this purpose. Before forwarding a name to the Board for consideration, the university shall undertake a thorough degree of due diligence to avoid potential areas of concern or conflicts of interest.

A commitment to name a facility associated with a gift shall not be executed – e.g., building signage not installed – until and unless the University has received an executed gift agreement and 50% of pledge payments towards the total gift commitment have been received.

The Chancellor may recommend exceptions to any of these guidelines under unusual circumstances for authorization by the Board of Trustees.

6. **Duration of Naming.** Naming for an honoree or a donor is generally granted for the useful life of the entity. The University may deem the naming period concluded in certain circumstances, including but not limited to:
- If the purpose for which the named entity is or needs to be significantly altered, is no longer needed/ceases to exist.
 - If a physical entity is replaced, significantly renovated or no longer habitable.
 - The period of time of the naming specified in the gift agreement has expired.

The appropriate University representative will make all reasonable efforts to inform in advance the original donors or honorees when the naming period is deemed concluded. The University may provide alternate recognition as may be appropriate in honor of the original gift.

7. **Removal of Naming.** The Board of Trustees reserves the right to remove a name from a facility under extraordinary circumstances when the continued use of the honoree's name would compromise the public trust and reflect adversely upon the university and/or University of Maine System and its reputation.

Additionally, in the case of a naming associated with a gift, the Board of Trustees reserves the right to remove a name from a facility if the donor fails to fulfill the terms of the gift that is recognized by a naming. The appropriate University representative will make all reasonable efforts to inform in advance the original donors or honorees when the naming period is deemed concluded. The University may provide alternate recognition as appropriate in honor of the original gift.

8. **Name Removal Process.** The removal of a name from a facility must not be undertaken lightly, and it must be approached with respect for the considered judgments of the past, especially when exercised by the contemporaries of an honoree, and with an awareness of the fallibility of our own judgments. Consideration of renaming must include, at a minimum, the following:
 - a. Proposals for removal of names from physical facilities shall be brought to the Board of Trustees by the Chancellor at the discretion of a campus President or Law School Dean after a campus-level review process, including soliciting perspectives from diverse stakeholders and public comment, has completed and identified the grounds for removal. The review team or task force shall present their findings and recommendation in a formal, written report to the respective President or Law School Dean.
 - b. Before the Board of Trustees considers the issue, the name change or removal of the name shall be reviewed by the Chancellor and President's Council. After review by the Chancellor and President's Council, the Chancellor may forward the request to the appropriate Board Committee.
 - c. If approved by the Board Committee, the recommendation will be presented to the full Board of Trustees for consideration.
 - d. Upon the removal of a name, the name of the facility may revert to the name immediately previous. If there is no previous permanent name, an administrative name shall be adopted. The process for an initial naming shall be utilized if the facility is subsequently renamed.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: FY2020 Annual Report on Gifts, Fund Raising and Endowments

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

Section 700 Financial Affairs

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

The University of Maine System (UMS) Annual Report on Gifts, Fund Raising and Endowments for the year ended June 30, 2020 is enclosed. This report presents:

- Total gifts received by donor type, restriction type, purpose, and campus.
- A 5-year comparison of UMS gift balances (endowment market value, non-endowed gift balances, and pledges outstanding) as of June 30th.
- Gifts received and endowment balances for the UMS' affiliated fund raising organizations.
- The financial status of open capital campaigns.

The meeting agenda does not include a presentation of this report; however, Darla Reynolds, Director of Accounting, will be available to address any questions the Committee members may have regarding the report's contents.

All gifts received fulfill the policy requirements of the Board of Trustees and the UMS follows the intent of its donors. The UMS expresses its deep gratitude to all donors for their gifts, donations and bequests.

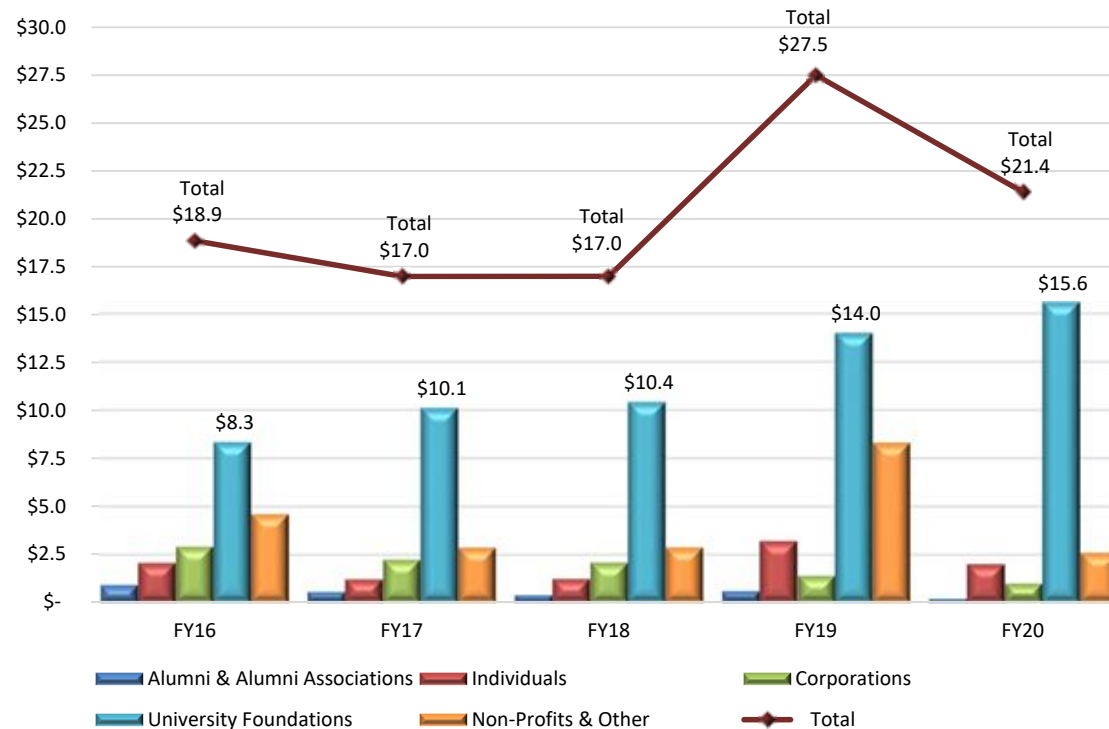
12/22/2020



Annual Report on Gifts, Fundraising and Endowments

Year Ended June 30, 2020

UMS Gifts Received* by Donor Type (\$ in millions)

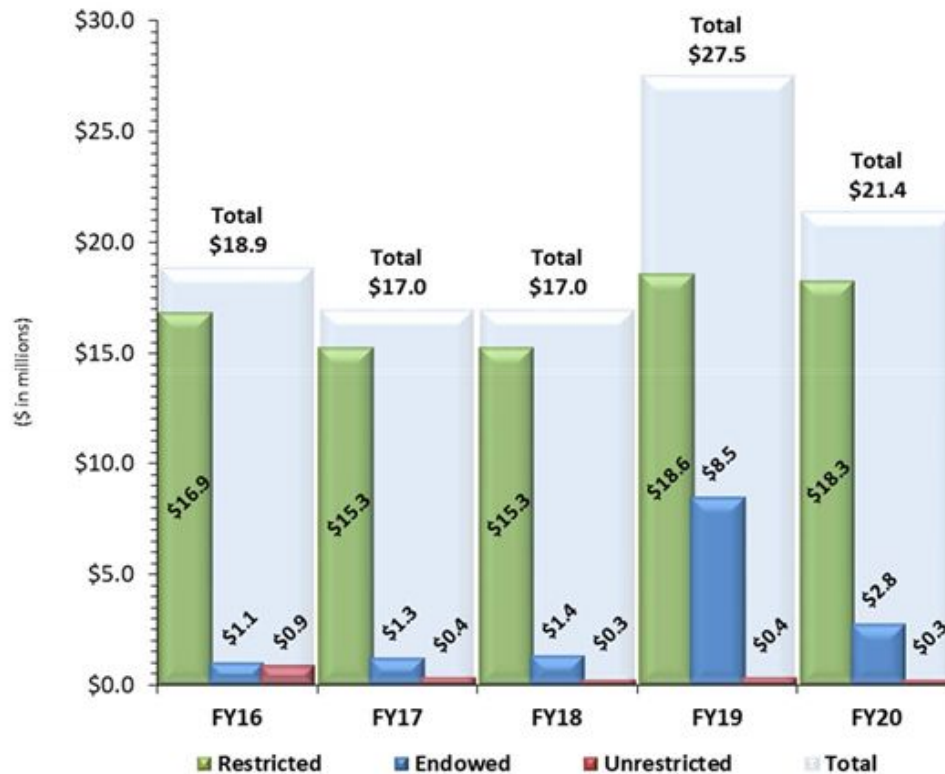


The UMS receives gifts through two methods:

1. Direct donations from alumni, individuals, corporations, and non-profits
2. Endowment distributions and non-endowed gifts from its affiliated fund raising organizations, the largest of which are the university foundations (see page 9 for FY19 and FY20 gifts that the affiliates received)

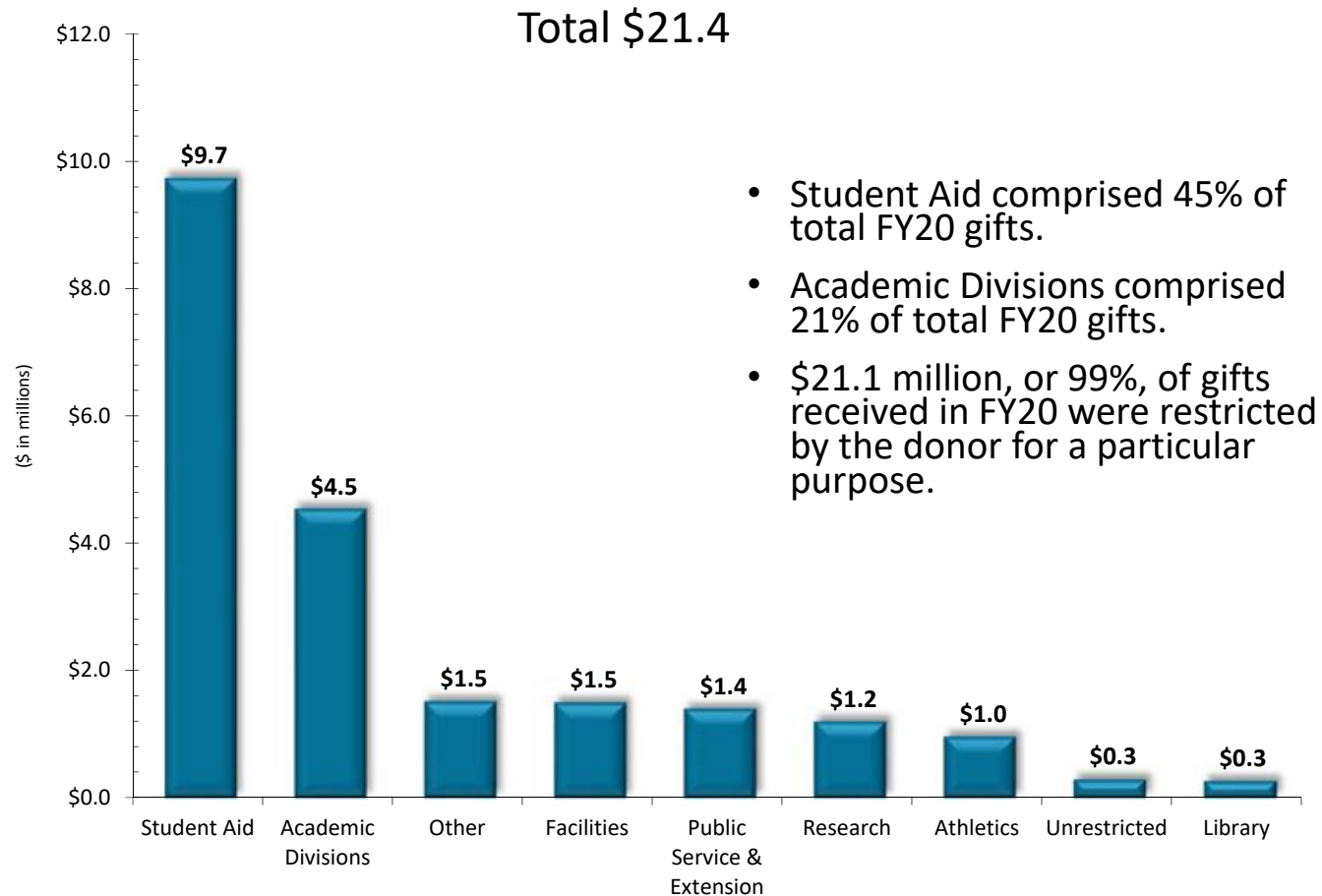
*UMS gifts reported herein include cash, checks and negotiable securities, and pledge payments. Gifts-in-kind and pledges receivable are not included in these totals.

UMS Gifts Received by Restriction Type (\$ in millions)



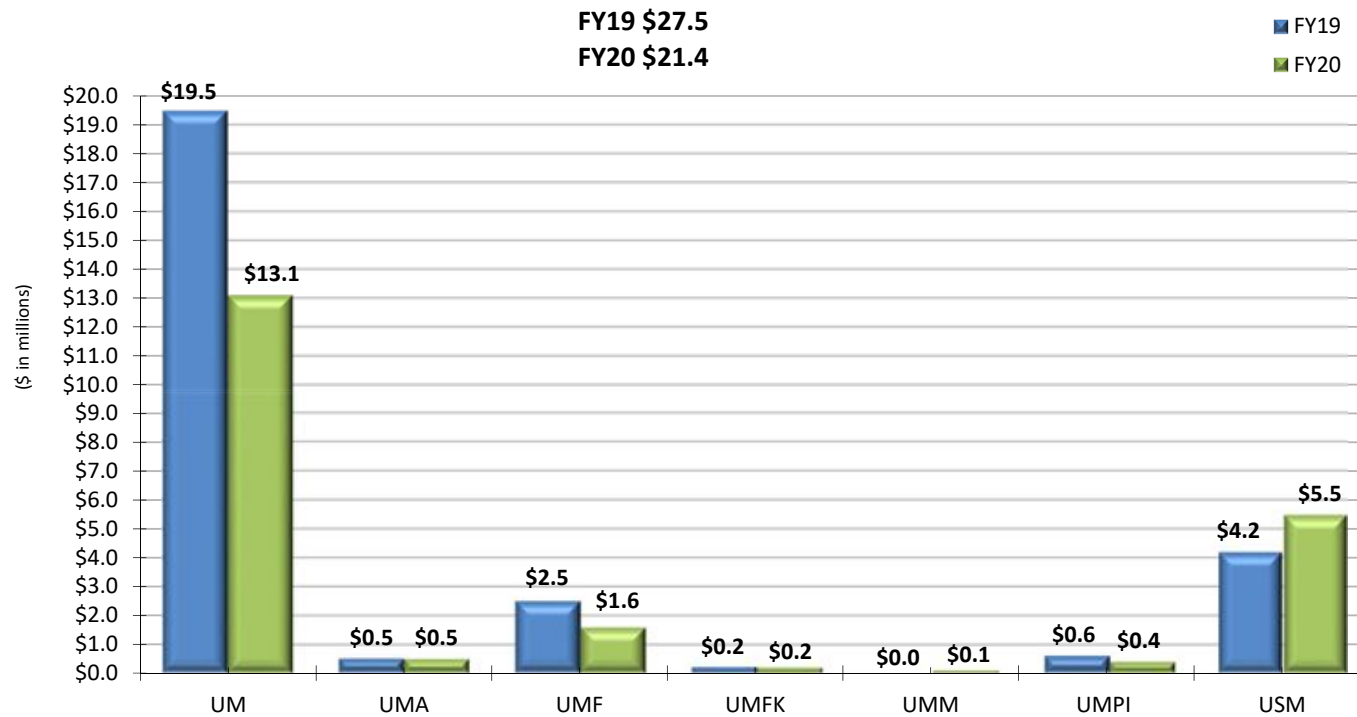
Endowed gifts decreased from FY19 to FY20 primarily due to a one-time \$5 million gift to the University of Maine in FY19.

UMS FY20 Gifts Received by Purpose (\$ in millions)



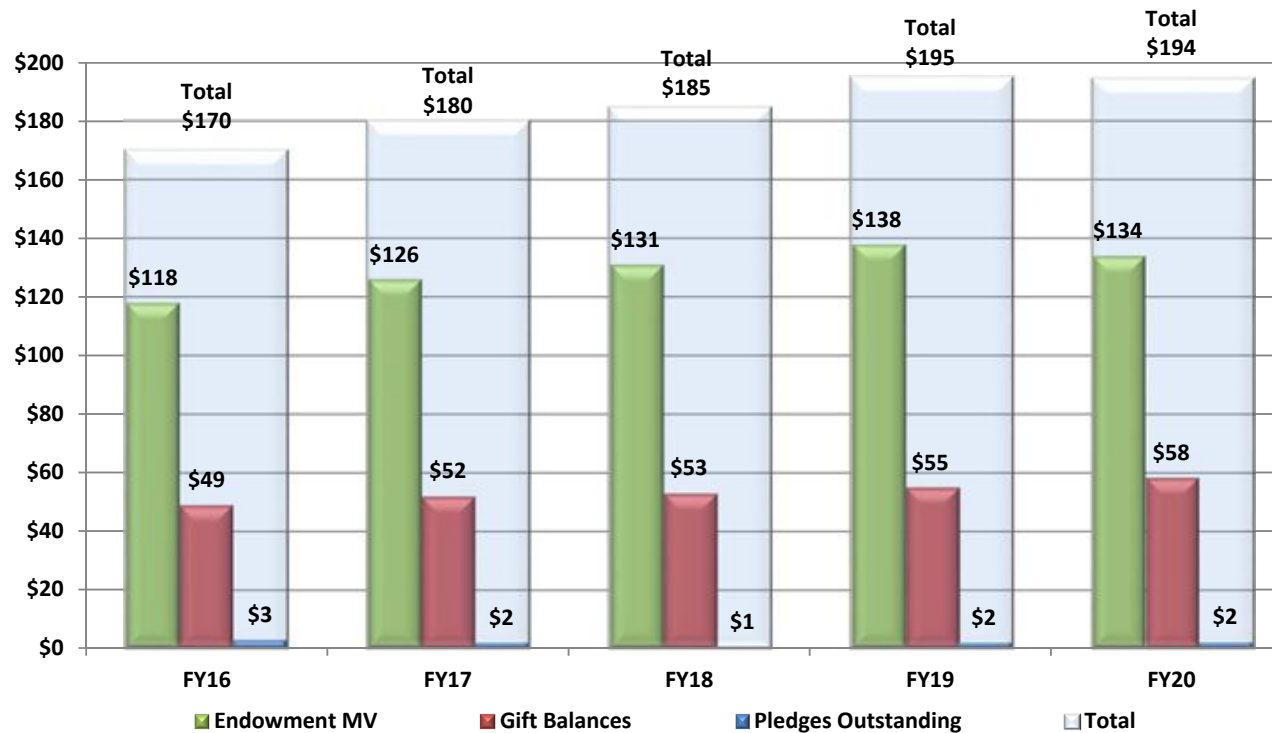
UMS Gifts Received by Campus

(\$ in millions)



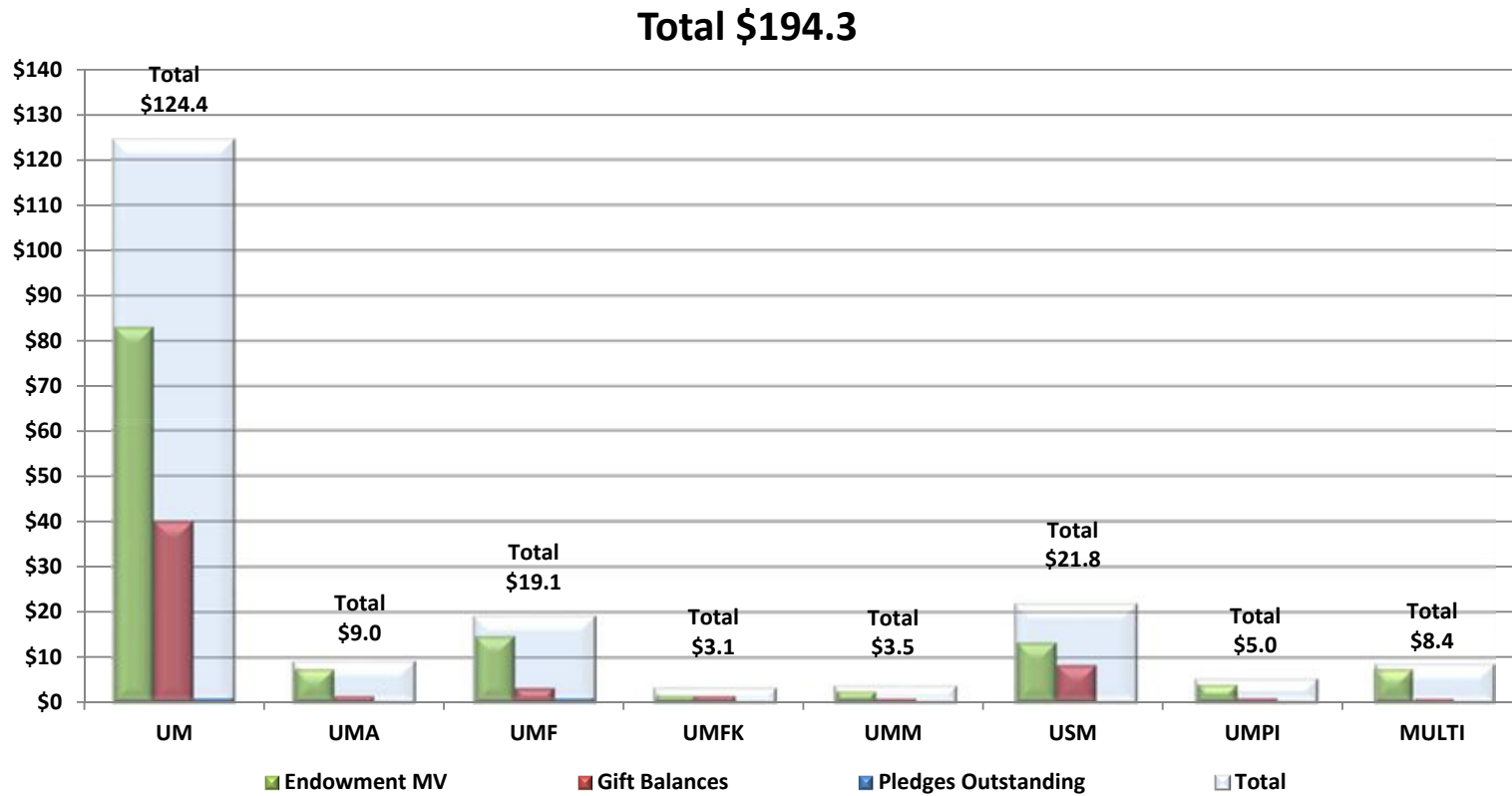
UMS Gift Balances as of June 30th

(\$ in millions)



UMS Gift Balances by Campus as of June 30, 2020

(\$ in millions)



UMS Affiliated Fund Raising Organizations

Gifts Received by UMS Affiliated Organizations

(\$ in thousands)

	FY19	FY20	
UM Affiliates			
UM Alumni Association	\$ 207	\$ 165	
UM Foundation	13,051	20,610	
UM Pulp & Paper Foundation	736	1,881	
4-H Camps at Tanglewood & Blueberry Cove	47	61	
Maine 4-H Foundation	1,172	383	
UMFK Affiliates			
UMFK Alumni Association	-	-	
UMFK Foundation	147	141	
John L. Martin Scholarship Fund	-	-	
UMM Alumni Association	-	-	
Foundation of the University at Presque Isle	204	118	
USM Affiliates			
USM Foundation	4,344	5,014	
UM Law School Foundation	1,098	1,167	
Associates of the Osher Map Library (FY19 restated)	80	140	
UMS Affiliates			
Maine Center Ventures	-	297	
Total Gifts Received by Affiliated Organizations	\$21,086	\$29,977	

48% of FY19 gifts and
29% of FY20 gifts
were from Alumni

16% of FY19 gifts and
4% of FY20 gifts were
from Alumni

Endowment Market Values for UMS Affiliated Organizations

(\$ in millions)

	<u>FY19</u>	<u>FY20</u>
<i>UM Affiliates</i>		
UM Foundation ^a	\$ 227.1	\$ 228.1
UM Pulp & Paper Foundation	17.5	\$ 21.7
4-H Camps at Tanglewood & Blueberry Cove	0.3	\$ 0.4
Maine 4-H Foundation	3.5	\$ 3.9
<i>UMFK Affiliates</i>		
UMFK Foundation ^{b *}	2.5	\$ 2.6
John L. Martin Scholarship Fund [*]	0.1	\$ 0.1
<i>Foundation of the University at Presque Isle</i>	6.2	\$ 6.2
<i>USM Affiliates</i>		
USM Foundation [*]	21.9	\$ 23.2
UM Law School Foundation [*]	4.5	\$ 4.4
Associates of the Osher Map Library	2.7	\$ 2.8
Total Endowment Market Value for Affiliated Organizations	\$ 286.3	\$ 293.4

Status of Capital Campaigns as of June 30, 2020

(\$ in millions)

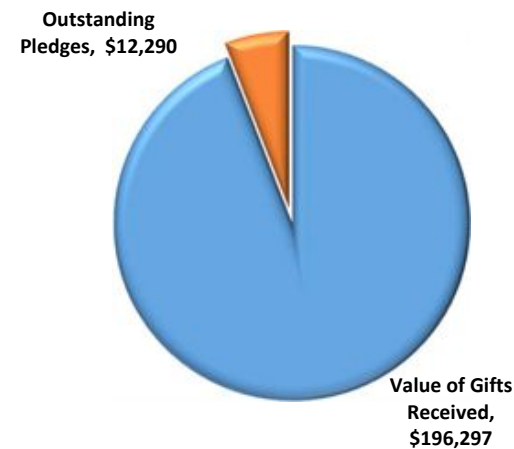
Vision for Tomorrow Comprehensive Campaign (UM)

Includes gifts received by the University of Maine and its affiliated organizations, with the University of Maine Foundation leading the fundraising effort. The UMS Board of Trustees approved the campaign in May 2017 with public announcement by the campus in October 2017. Four priorities guide this campaign with students being at the heart of each — Fostering Student Success, Ensuring Access for All of Maine, Catalyzing Maine's Economy, and Accelerating Discovery to Impact. These priorities overlap so that a gift in support of one positively impacts the others and advances the mission of the University of Maine — teaching, research, and public service.

Start 7/1/11

End 6/30/20

Goal \$200,000
Amount Raised \$208,587



Status of Capital Campaigns as of June 30, 2020 - continued

Great University Campaign (formerly the Next Generation Comprehensive Campaign) (USM)

In May 2017, the UMS Board of Trustees approved the campaign, "USM: The Next Generation" to raise an anticipated \$80 million. Since that time, a variety of factors that could not have been anticipated have reshaped USM's fundraising priorities, and hence the direction of capital campaign fundraising.

The USM Foundation (the Foundation) engaged fundraising counsel to lead a campaign design exercise, which culminated in January 2020. In March 2020, the Foundation's Board approved moving forward with the following redesigned campaign:

1. 5-year working goal of \$46 million to raise the following funds:
 - \$15 million for scholarships
 - \$15 million towards a Center for the Arts
 - \$5 million to complete USM's Career and Student Success Center
 - \$11 million for other programs and annual funds
2. Campaign working titled changed to the "Great University" campaign
3. Launch date of 7/1/2020.

Below is an update for the four fundraising priorities presented to the UMS Board of Trustees in May 2017 as part of the original Next Generation Comprehensive Campaign:

1. During FY20 no additional funds were raised for the Center for the Arts, previously known as the Performing Arts Center; however, the initiative is included in the redesigned Great University campaign mentioned above.
2. An additional \$38,474 was raised for the Promise Scholars Program, for a total raised to date of \$3,821,682 (not including \$1.1M in bequest intentions). After reviewing what it takes to fully support the Promise Scholars program, the original \$15M goal was modified to a goal of \$5.8M in endowed scholarships, and \$750,000 in spendable scholarships.
3. The Risk Management & Insurance Program chair campaign did not raise any additional funding in FY20 for a total raised of \$1.8 million. The goal remains \$3 million.
4. Athletics remains a key university priority, but particularly in light of Covid-19, no significant gains were made in FY20.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Review of IT Projects with a Value of \$250,000 or Greater

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

N/A

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:




Dr. David Demers, Chief Information Officer, will provide information on the following projects with a value of \$250,000 or greater:

- Classrooms for the Future
- Classroom Summer Upgrades – Web Conferencing
- UMS Wireless Infrastructure
- MaineStreet Improvements
- VoIP – UMF
- VoIP – UMPI
- VoIP – USM
- Brightspace LMS Implementation
- ERP Assessment
- Optical Network Equipment Refresh for the Northern Ring

12/22/2020

Status Update – December 2020

Classrooms for the Future

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project will involve renovations to existing classrooms across the entire University of Maine System. The project team will focus on the data obtained during the earlier classroom assessment phase and resulting classroom ratings in order to prioritize work at each campus. The team will also develop standards for equipment in all classrooms. Vendors will be used for the larger renovations and campus services/classroom technology staff will be used for minor renovations and upgrades. Once the rooms have been updated, they will be re-assessed and scored accordingly.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget*	Budget Committed to date	Budget % Committed	Project % Complete	Comments
4/2016	David Demers	12/2019 (updated 11/18)	12/2020	\$4,945,075	\$4,945,075	100%	99%	Total estimated budget reflects additional allocation provided Dec. 2017 as well as contingency funds added December 2018

Status

The UMA campus will use remaining contingency funds to put toward updating video conferencing rooms. These funds will combine with RUS grant funds to help upgrade several existing video conferencing rooms. Some of this work has started over winter break and will continue into Summer 2021.

Room selections are also underway for remaining contingency funds at UMaine and UMPI. Once rooms are selected, projects will be created and equipment will be ordered. Work will be completed over Summer 2021.

BUDGET SUMMARY

Campus	Allocation	% Committed to Date	\$\$ Not Yet Budgeted	% Complete
PROJECT TOTAL	\$4,945,075	100%	-0-	96%
UMM	\$240,900	100%	-0-	99%
UMF	\$415,976	100%	-0-	100%
UMaine	\$1,681,630	100%	-0-	100%
UMPI	\$360,276	100%	-0-	96%
USM	\$1,238,980	100%	-0-	98%
UMFK	\$287,348	100%	-0-	99%
UMA	\$719,965	100%	-0-	82%

Summary by Campus and Classroom Project**Reference: Campus Room Renovations**

Campuses	Rooms By Project Setup	% Complete
UMA	Music Arts 124	100%
	RRSC 248 & 255	100%
	UC Bath/Brunswick 114	100%
	UC Norway SoPar 114 & 206	100%
	UC Saco 111	100%
	UC Ellsworth 2 & 7	100%
	UC Rockland 410 & 413	100%
	Jewett 124, 180, 189, 190 & 291	100%
	RRSC 246	100%
	UC Rockland 403, 410, 412 (Phase 2)	100%
	Fine Arts 122	100%
	Jewett 284, 293, 297	100%
	Katz 5, 15, 51	100%
	Katz 14	100%
	Katz 16	100%
	Handley Hall	100%
	LAC 162J, 162K, 162L, 216A, 216B, 218, 222C	100%
	Bangor 135, 142	100%
	Camden 101, 105, 304	100%
	Randall 253/255	95%
	Jewett 156	100%
	Jewett 284, 293, 297	100%
	Katz 7 & 210	21%
	Saco 110	90%
	Dental Clinic 109 (RUS)	90%
	East Millinocket 1 (RUS)	90%
	Ellsworth 3 (RUS)	21%
	Houlton 119 (RUS)	21%
	LAC 222C (RUS)	18%

	LAC 118 & 119 (RUS)	90%
	LAC 125 (RUS)	22%
	Rockland 412 (RUS)	21%
	Rumford 309 (RUS)	21%
	Saco 107 (RUS)	90%
UMF	Roberts 205 & 207	100%
	Ricker Addition 202, 205	100%
	Roberts C23 & 131	100%
	Ricker Addition 217	100%
	Preble 117	100%
	Roberts 105, 107, 201, 203	100%
	South 115	100%
	Education Center 6 & 113	100%
	Tech Commons Fusion Center	100%
	Roberts 3, 101, 103	100%
	Education Center 103, 106, 110, 114	100%
UMaine	Shibles 202	100%
	DPC 105	100%
	Neville 101	100%
	Estabrook 130, 152	100%
	Bennett 215	100%
	Dunn 315 & 316	100%
	South Stevens 106D	100%
	DPC 107, 115, 117	100%
	Boardman 116	100%
	Boardman 118	100%
	Shibles 217, 313, 316	100%
	Nutting 100	100%
	Aubert 354	100%
	Hitchner 157	100%
	Jenness 102, 104, 108	100%
	Lengyel 127	100%
	Libby 220	100%
	Little 110, 120, 202, 206, 220	100%

	Lord 200	100%
	Colvin 401	100%
	Memorial Gym Complex 106 & 110 (ROTC Army)	100%
	Merrill 228a	100%
	Murray 102 & 106	100%
	N Stevens 235	100%
	Rogers 206	100%
	ROTC Navy 201 & 203	100%
	Deering 101c	100%
	Barrows 123, 131, 133	100%
	Balentine 129	100%
	Dunn 1, 44, 401	100%
	Barrows 124	100%
	Bryand Global 100	100%
	Deering 17	100%
	North Stevens 235	100%
	South Stevens 232-B	100%
	Neville 116, 118	100%
	Neville 120	100%
	Little 212	100%
	Aubert 165	100%
	Barrows 128	100%
	Class of 44 100	100%
	Colvin 401	100%
	DPC 111	100%
	Little 350	100%
	Center Stevens 155	100%
	Darling Marine Center Brooke Hall	100%
	PAIL Necropsy Lab	100%
	Libby 220	100%
	Nutting 213	100%
	Boardman 210	100%
	Lengyel 125, 127	100%
	Center Stevens 355	100%

	Deering 17, 113	100%
	Little 211, 212, 219	100%
UMM	Torrey Hall 230, 232, 234 - Phase 1	100%
	Torrey Hall 102	95%
	Torrey Hall 106	100%
	Powers 208 & 209	100%
	Science 114	100%
	Science 102 & 120	100%
	Reynolds Center 14	100%
	Torrey 230, 232 & GIS Lab - Phase 2	100%
	Performing Arts Center	100%
	Science 13, 115	100%
	Powell 123	100%
	Cyr 113	100%
UMFK	Old Model School 11	100%
	Cyr 200 & 201	100%
	Cyr 203	100%
	Cyr 200, 201, 204, 209	100%
	Nadeau Telecom Room	100%
	Powell 123 - Phase 2	100%
	Old Model School 112	95%
	Armory 119	100%
	Cyr 200-Contingency	100%
	Cyr 204, 205-Contingency	100%
UMPI	Folsom 206	100%
	Pullen 113, 212, 216	100%
	Folsom 204 & 205	100%
	Houlton 110	100%
	Folsom 203	100%
	Pullen 212	100%
	Pullen 213	100%
	Preble 239	100%
	Gentile Athletic	100%
	Weidan Training	100%

	Houlton 109	95%
	Houlton 120	49%
	Houlton 124	100%
	Houlton 125	95%
	Pullen 111, 214	100%
	Pullen 215	95%
	Pullen 113, 210, 213, ART	95%
	Folsom 303	100%
	Folsom 301, 304	100%
USM	405 Bailey	100%
	John Mitchell 217	100%
	Payson Smith 301A	100%
	LB 103	100%
	Masterson 113	100%
	Bailey 320	100%
	Bailey 10, S113, 201, 202, 204, 205, 206, 207, 208, S213, S215, 218, S312, S313, 315, L319, 320, L321, C402, C403, C, 405,	100%
	Corthell 112, 211, 212	100%
	John Mitchell 151, 164, 181	90%
	John Mitchell 233, 242, 252, 265, 270	85%
	John Mitchell 252	100%
	LAC 287	100%
	LAC 210, 211, 212, 214, 216, 218, 224	100%
	LB 208, 209, 241, 302, 303, 310, 326, 327, 402, 403, 410, 424, 425, 502, 503, 509, 510, 523, 524	100%
	Payson Smith 1, 41, 42, 44, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 211, 303, 304, 306	100%
	Wishcamper 103, 113, 417/419, 427	95%
	Science 203	95%
	Science 403	95%
	Law 118	100%
	Payson Smith 42 & 44 - Phase 2	100%
	Payson Smith 206	95%
	Payson Smith 201, 304, 306 - Phase 2	95%




	Bailey 218 & 312	100%
	Bailey 313	95%
	Bailey 402	95%
	LAC 104, 106	100%
	Glickman Library 423/424	100%
	Luther Bonney 209	100%
	Science 157	100%
	Science 533	100%
	Russell 1 and Dance Studio	100%
	Masterton G38	100%
	Hill Gym 201	100%
	Ice Arena 154	100%
	LB 410, 524	100%
	Corthell 320	100%
	LAC 105, 108, 110	100%

*Summary Table Note - Phase 1 refers to Summer 2017 projects and Phase 2 refers to Summer 2018 projects.

Risks

- Potential COVID-19 impact of work on campus.
- Potential delays in shipping and equipment shortages due to COVID-19 impact.

Status Update – December 2020**Classrooms for the Future Web Conferencing Projects**

Overall status:		Change from previous report:	N/A
Budget status:		Change from previous report:	N/A
Schedule status:		Change from previous report:	N/A

Overview

The Board of Trustees recently approved funding for adding web conferencing equipment to several UMS classrooms that were upgraded in the CFTF Phase I project. The majority of work will take place this summer, with any remaining installations to be completed over winter break. The budget includes funds for web conferencing carts as well as four temporary employees to assist UMS IT staff with installations. Vendors will also be engaged for work in the UM Law School large lecture hall and for classrooms requiring programming changes. Once the rooms have been updated, they will be re-assessed and scored accordingly.

Initiation Date	Sponsor	Estimated Completion Date*	Estimated Budget	Budget Committed to date	Budget % Committed	Project % Complete	Comments
5/2020	David Demers	2/1/2021	\$2,563,650	\$2,289,900	89%	80%	*Expected to complete majority of rooms this summer with remaining rooms to be completed over winter break

Status

Reassessments were completed for all classroom installations that took place over the summer. The team began winter break installations prior to Thanksgiving. Remaining work to be completed in these classrooms includes:

- Install cameras
- Complete cable pulls for cameras and microphones
- Install digital mixers
- Install computers
- Test and add documentation

A survey was developed and sent to faculty and students utilizing the new web conferencing classrooms. Positive feedback was received on the rooms including the following comments:

- “I was able to feel safe in the comfort of my home while watching my fellow classmates in class and still be able to have small group discussions.”
- “Everything so far has worked smoothly. The setup is intuitive and easy to use.”
- “This has provided a good way to have students be able to attend class even when they were not able to come in person.”
- “Students who cannot be physically in the classroom can participate in class discussions.”
- “I like how it gives people an option to be virtual if that's what they need to do.”
- “Can still participate in class in real time if not in the classroom.”
- “I found the recorded lectures with transcripts very helpful. It made my educational experience vastly better.”

An After Action Review also took place on November 3rd with the project and installation teams. Some minor changes were made to installation practices based upon input from the teams.

Summary of Web Conferencing Upgrades

Campus	Number of Rooms	Number of Carts	Summer Rooms Completed	Number of Winter Rooms	Winter Rooms Completed	Percentage Complete
UMA	27	10	16	11	5	62%
UMF	11	4	9			83%
UM	56	10	42	14	8	84%
UM-Law	5	1	2	3		55%
UMM	10	2	7	3		86%
UMFK	6	2	6	0		100%
UMPI	10	2	6	4		75%
USM	47	11	32	15	9	92%

Summary by Campus and Classroom Project

Campuses	Rooms By Project Setup	% Complete
UMA	Brunswick 114	100%
	Ellsworth 2	100%
	Ellsworth 7	100%
	LAC 162J*	5%
	Rockland 410	100%
	Rockland 413	100%
	Saco 108	100%
	Civic Center 257*	50%
	Fine Arts 124	100%
	Jewett Hall 124*	100%
	Jewett Hall 156	100%
	Jewett Hall 180	100%
	Jewett Hall 284	100%
	Jewett Hall 293	100%
	Jewett Hall 297	100%
	Katz 5	100%
	Katz 53	90%
	Randall Student Ctr 253*	100%
	Randall Student Ctr 255*	50%

	Camden Hall 101*	90%
	Camden Hall 105*	90%
	Camden Hall 304*	4%
	College Center 135	100%
	College Center 142*	90%
	Eastport Hall 135	100%
	Eastport Hall 136*	90%
	Eastport Hall 138	100%
UMF	Education Center 103	100%
	Education Center 106	100%
	Education Center 111	100%
	Education Center 113	100%
	Education Center 114	100%
	Preble 117	100%
	Ricker Addition 217	100%
	Roberts 5*	5%
	Roberts 101*	5%
	Roberts 131	100%
UMaine	Roberts C23	100%
	Aubert 316*	90%
	Aubert 421	100%
	Aubert 422	100%
	Barrows 123*	90%
	Barrows 124	100%
	Barrows 130	100%
	Barrows 131*	90%
	Bennett 102	100%
	Bennett 140	100%
	Bennett 141	100%
	Boardman 115* changing to 210	5%
	Bryand Global 100	100%
	Deering 17*	41%
	Deering 101C* changing to Bennett 201	34%
	Deering 113	100%

	DPC 100	100%
	DPC 105	100%
	DPC 107	100%
	DPC 115	100%
	DPC 117	100%
	Hitchner 157	90%
	Hutchinson Center 102	100%
	Hutchinson Center 129*	4%
	Jenness 100	100%
	Jenness 102	100%
	Jenness 104	100%
	Jenness 106	100%
	Jenness 108	100%
	Lengyel 125	100%
	Lengyel 127	100%
	Little 110	100%
	Little 120	100%
	Little 130	100%
	Little 140	100%
	Little 202*	61%
	Little 206*	64%
	Little 211	100%
	Little 219*	100%
	Little 220*	5%
	Lord 200*	10%
	Merrill 228a	11%
	Murray 102	100%
	Murray 106	100%
	Neville 100	100%
	Neville 101	100%
	Neville 208	100%
	Neville 227	100%
	Nutting 100	100%
	Nutting 102	100%

	Nutting 213	100%
	Nutting 257	100%
	Shibles 217	100%
	Shibles 313	100%
	Shibles 316	100%
	Stevens/Center 155* changing to Little 204	5%
	Stevens/Center 355*	5%
	Stevens/North 235	100%
	Stevens/North 237* changing to Hitchner 157	90%
UM LAW	Moot	93%
	Middle*	47%
	First Year	90%
	506*	70%
	522A*	65%
UMM	Science 115	100%
	Science 120	100%
	Science 13*	53%
	Torrey 104	100%
	Torrey 106	100%
	Torrey 226	100%
	Torrey 228*	76%
	Torrey 230	100%
	Torrey 232	100%
	Torrey 234*	50%
UMFK	Armory 119	100%
	Cyr 113	100%
	Cyr 204	100%
	Cyr 205*	100%
	Old Model School 103*	100%
	Powell 123	100%
UMPI	Folsom 101A	100%
	Folsom 204	100%
	Folsom 205	100%

	Folsom 206	100%
	Folsom 303	100%
	Pullen 111*	37%
	Pullen 212	100%
	Pullen 214*	18%
	Pullen 216*	13%
	Weidan PTA	100%
USM	Bailey 10*	21%
	Bailey 113	100%
	Bailey 201	100%
	Bailey 202	100%
	Bailey 204	100%
	Bailey 205	100%
	Bailey 206*	90%
	Bailey 207*	92%
	Bailey 218	100%
	Bailey 312	100%
	Bailey 315	100%
	Bailey 319	100%
	Bailey 402*	79%
	Bailey 403	100%
	John Mitchell 151	100%
	John Mitchell 242	100%
	John Mitchell 252	100%
	LAC 104*	90%
	LAC 108/109	100%
	LAC 158	100%
	LAC 210	100%
	Luther Bonney 103*	89%
	Luther Bonney 209	100%
	Luther Bonney 241*	90%
	Luther Bonney 302	100%
	Luther Bonney 303*	90%




	Luther Bonney 326	100%
	Luther Bonney 402*	90%
	Luther Bonney 403*	90%
	Luther Bonney 410	100%
	Luther Bonney 502*	90%
	Luther Bonney 503	100%
	Luther Bonney 510	100%
	Luther Bonney 523	100%
	Masterton 113*	89%
	Masterton 305*	5%
	Masterton G08	100%
	Masterton G38	100%
	Payson 42	100%
	Payson 44	100%
	Payson 200	100%
	Payson 201	100%
	Payson 202	100%
	Payson 204	100%
	Science 533	100%
	Wishcamper 133*	21%
	Wishcamper 419/427*	80%

*denotes rooms scheduled for winter break

Risks

- Potential COVID-19 impact on winter installations.

Status Update – December 2020**UMS Wireless Infrastructure**

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project is a wireless technology connectivity Initiative to upgrade wireless service and associated cabling and equipment at all campuses to bring wireless capacity to gigabit speeds to support learning and living spaces.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete	Comments
4/2016	Jeffrey Letourneau	12/2018	6/2021	\$13,215,000	\$12,496,375	99%	

Status

Cabling is complete in the Costello Sports Complex and nearly complete in Sullivan gym. The scope of work for Lewiston-Auburn Campus was limited to upgrading electronic equipment due to the uncertain future of the facility. These upgrades are approximately 95% completed. A few “punch list” items remain in other USM buildings. The team is evaluating the fiber infrastructure on the USM campus and additional buildings for upgrades. The estimated completion date has been extended to June 2021 as we continue to identify needs at USM.

At UM, Facilities Management is completing some related items. No additional work is currently underway or being planned as part of this project.

At UMPI, no work is currently underway or being planned as part of this project.

At UMA, no work is currently underway or being planned.

At UMM, project work is complete on the UMM campus.

At UMF, project work is complete on the UMF campus.

At UMFK, project work is complete on the UMFK campus.

BUDGET SUMMARY

Campus	Allocation	% Budgeted to Date	\$\$ Not Yet Budgeted	% Expended & Encumbered to Date	\$\$ Expended & Encumbered	\$\$ Not Yet Expended/Encumbered
PROJECT TOTAL	\$13,215,000	98%	\$314,604	95%	\$12,496,375	\$718,625
Equipment in Inventory					\$189,459	
System-wide Services	\$620,000	100%	-\$452	100%	\$620,452	-\$452
UM - Machias	\$733,200	100%	\$0	101%	\$743,998	-\$10,798
UM - Farmington	\$1,674,800	100%	\$0	100%	\$1,681,512	-\$6,712
UMaine	\$3,294,600	99%	\$17,875	100%	\$3,280,235	\$14,365
UM - Presque Isle	\$700,200	100%	\$0	99%	\$692,709	\$7,491
USM	\$5,017,600	94%	\$284,850	82%	\$4,108,087	\$909,513

UM - Fort Kent	\$614,600	100%	\$0	103%	\$632,255	-\$17,655
UM - Augusta	\$560,000	98%	\$12,331	98%	\$547,669	\$12,331

(*) = original \$11.2M allocation plus reallocation of \$980k plus \$620K required from contingency funding for system-wide licensing. 12/2018 - additional \$415,000 from contingency.

BUILDING SUMMARY

Complete¹		Installation & Deployment Scheduled / In Progress²		Planning - Not yet Budgeted
University of Maine at Augusta				
Lewiston Katz Jewett Randall	Eastport Camden Belfast Civic Center College Center			
University of Maine at Farmington				
Mantor Library Dakin Black Mallett Lockwood Purington	Stone Scott North Scott West Scott South Campus Fiber			
University of Maine at Fort Kent				
Powell The Lodge Crocker	Blake Library Cyr Hall			
University of Maine at Machias				
Torrey Hall / Merrill Library Reynolds Powers	Science Kilburn Dorward Sennett			
University of Maine at Presque Isle				
Park Emerson Merriman	Folsom-Pullen Wieden Library Campus Fiber			
University of Maine				
Fogler Library Shibles Bennett Rogers Jenness Lord Bryand Global Science Boardman Murray Hall Aubert Wells Stewart Merrill	Little Class of 1944 Lengyel Estabrook Core Hitchner Hart Core Donald P Corbett Winslow Barrows / ESRB NuttingDeering Center Stevens North Stevens South Stevens Fernald			

University of Southern Maine				
Drawing Studio	Glickman	<u>In Progress</u>		
Print Studio	Library	Science (99%)		
Academy Building	Luther-Bonney	Bailey (99%)		
Wishcamper	Payson-Smith	Lewiston-Auburn (95%)		
Abromson	Brooks Dining	Costello Complex (95%)		
Masterton Hall	JMC (wired)	Sullivan Complex (95%)		
<u>Wireless Only</u>	Russell			
Law Building	Corthell			

¹ Networks are online and functioning; some testing and close-out paperwork may remain to be done

² Dates are estimated start dates for cable installation & deployment – subject to change




³ Insufficient funding to upgrade entire building; minimal upgrades to support Classrooms for the Future or future upgrades

⁴ Partial upgrade due to building limitations

Risks

- Campus closures and increased health and safety regulations due to COVID-19 pandemic are impacting project schedule.
- Identification of asbestos containing materials (ACBM) at USM in an area that was not anticipated has led to a higher awareness of and need to test for ACBM. Both the need for increased testing and the probability of higher than anticipated abatement needs will impact both project schedule and cost. The degree of impact will not be known until test results are completed.
- The project team is working closely with the Classrooms for the Future project team to coordinate efforts. Campus decisions to prioritize upgrades in residence halls over classroom buildings may negatively impact the Classrooms for the Future project.
- Many of the buildings require modifications by Facilities Management prior to network installation. The project team is working with each campus to plan this work. Resource availability and scheduling for this work may cause project delays.
- A risk to perceived success is unreasonable stakeholder expectations. Although a ubiquitous system-wide upgrade is needed, this project will only partially meet that need given the constraints of limited resources (schedule, budget, staffing, construction limitations, and coordination with other campus resources).
- Many buildings have network infrastructure that will need to be upgraded before new wireless networks can be installed. In some cases, this may include new fiber installation and/or the need for facility renovations.
- The phased funding approach will necessitate maintaining two separate WiFi networks on most if not all campuses driving up the ongoing operational costs and efforts for US:IT while creating inconsistent wireless service levels building to building on the campuses.
- There are a large number of factors and variables that will affect this project's timeline. There are other sizeable projects taking place at the same time. Another factor affecting the timeline will be the coordination among involved entities in setting priorities and timing.

Status Update – December 2020**MaineStreet User Experience Enhancements**

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project is deploying the HighPoint User-Interface Platform to streamline and improve usability, navigability, and utility of the MaineStreet environment for students and faculty alike.

Project	Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete	Comments
UX Enhancements	September 2018	David Demers	January 2019	*May 2021	\$1,148,237	\$632,499	68%	* Completion date for Spring 2021 Student Pilot

Summary Status

In preparation for Functional Team user acceptance testing (UAT), the Technical Team made additional updates to a MaineStreet test database, including application of the latest point releases of the HighPoint Campus Experience module. The Functional Team completed UAT during early December and the technical remediation period is currently underway.

Both the Technical and Functional teams have been preparing for a UMM “New MaineStreet Experience” student pilot which is scheduled to kick-off on 1.4.21. The pilot will allow UMM students to use HighPoint Campus Experience to interact with the MaineStreet Student Self-Service functions in the production environment in a streamlined and mobile-friendly manner. Considerations are currently underway for collecting student feedback during the pilot.

Recently Completed

- Update of CSPRD production MaineStreet database
- User acceptance testing (UAT)
- Update of CSTS2 test MaineStreet database
- Communication & planning with UMM campus leadership and functional area teams regarding student pilot

In Progress




- Technical remediation following UAT
- Communication planning for student pilot
- Development of pilot support documentation for students and support staff, including FAQs and a brief video tutorial
- Reassessment of each feature and function in updated production environment

Risks & Mitigation Strategies

Risk	Risk Management Plan
Impact of the COVID-19 pandemic include a shift in resource availability, including students, for testing and feedback	Leverage staff resources efficiently and targeted, virtual outreach to students to solicit input

Failure to complete the project on schedule	Proactive planning, strong communication, and coordination processes, regular project team meetings, and clearly defined escalation path for identifying and resolving issues.
Resource contention due to competing demands	Proactive project management approach with respect to planning and scheduling activities. Leverage qualified Highpoint resources to augment UMS resources when needed.
Changes to project scope	Perform fit/gap analysis and execute the change control process throughout the project.
A high volume of change within a short time period can result in training and support challenges.	Engaging with stakeholders at an early stage will help inform decisions regarding functional deployment, communication, and training.
Many MaineStreet self-service functions are customized and HighPoint modules are designed to work with native Peoplesoft functionality. Users will need to be able to access the appropriate features and functions of MaineStreet in the HighPoint environment.	Conducting a comprehensive analysis of functionality and customizations with functional and technical stakeholders will inform the development of the optimal user experience.

Status Update – December 2020**VoIP – UMF**

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project will upgrade the UMF telecom system to utilize voice-over-IP (VoIP) and mitigate risk associated with the aging Avaya phone system.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete	Comments
4/2019	Jeffrey Letourneau	9/2021	03/2021	\$499,000	\$345,153.29	99%	

Status

While the team has begun to clean up old cabling and equipment, it was decided that much of the work would be done over winter break. The end date has been extended to account for this. The new system is operational and the old system has been powered off.

Risks

- Delays in other projects caused by COVID-19 response may impact this schedule.
- The legacy Avaya phone system has showed signs of failing. There is a risk that we will not be able to migrate all services from this system before failure occurs. This risk is being mitigated by temporarily moving line to analog voice gateways.
- Due to the mitigation plan noted above, many users will be required to transition multiple times. This poses a risk of customer dissatisfaction and will necessitate a more comprehensive communication strategy.
- The network infrastructure in many buildings on the UMF campus is not adequate for deploying VoIP phones. This poses a risk to both project schedule and budget.
- Availability of human resources is a risk to this project. Resources needed for this project will also be working on telecommunications upgrades at UMPI and USM as well as providing operational support for all campuses.

Status Update – December 2020**VoIP – UMPI**

Overall status:



Change from previous report: None

Budget status:



Change from previous report: None

Schedule status:



Change from previous report: None

Overview

This project will upgrade the UMF telecom system to utilize voice-over-IP (VoIP) and mitigate risk associated with the aging Avaya phone system.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete	Comments
6/2019	Jeffrey Letourneau	9/2021	6/2021	\$291,000	\$237,104.73	55%	

Status

Cabling is underway in South Hall and Campus Center with an anticipated completion date of mid-February. Once cabling is complete, phones can be deployed in these two buildings. Phone deployments in Preble Hall have been completed and cabling clean up will be done during winter break.

The team will focus on clean-up and decommissioning the old system during the spring semester with an anticipated project completion of 6/30/2021.

Building	Count of Extensions	% Complete	Building	Count of Extensions	% Complete
Normal	13	92.31%	Campus Center	28	7.14%
Emerson Annex	10	90.00%	Emerson	18	0.00%
Physical Plant	10	90.00%	Merriman	1	0.00%
Wieden	27	88.89%	Park	16	0.00%
CIL	24	79.17%	President's House	2	0.00%
Gentile	9	77.78%	South	47	0.00%
Folsom-Pullen	24	62.50%	Building not Identified	65	0.00%
Preble	73	43.84%			




Risks

- Delays in other projects caused by COVID-19 response may impact this schedule.
- There is a risk that we will not be able to migrate all services from this system before failure of the legacy system occurs.
- The network infrastructure in some buildings on the UMPI campus is not adequate for deploying VoIP phones. This poses a risk to both project schedule and budget.

- Availability of human resources is a risk to this project. Resources needed for this project will also be working on telecommunications upgrades at UMF and USM as well as providing operational support for all campuses.

Status Update – December 2020

VoIP – USM

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project will upgrade the USM telecom system to utilize voice-over-IP (VoIP) and mitigate risk associated with the aging Nortel phone system.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete	Comments
6/2019	Jeffrey Letourneau	9/2022	9/2022	\$809,000	\$379,490	45%	

Status

Over the past few months, we have had a temporary employee assisting with phone deployments and have made very good progress. However, his engagement has now ended and we are again working with only limited internal resources. The team continues to focus on the Gorham and LAC campuses, while also balancing the work of office moves and preparing for upcoming construction projects that necessitate phone moves.

The team has also been working with Public Safety to upgrade the call recording system to be compatible with the new phone infrastructure.

Status by Building:

Building - Portland	% Complete	Building - Gorham	% Complete
LUTHER BONNEY HALL	87%	FIELD HOUSE, COSTELLO SPORTS COMPLEX	91%
SCIENCE BLDG, PTLD	86%	MCLELLAN HOUSE	93%
WOODBURY CAMPUS CENTER	89%	RUSSELL HALL	65%
CENTRAL HEAT PLANT-P	17%	SCHOOL ST-134	75%
EXETER ST-045	9%	CENTRAL HEAT PLANT-G	58%
BEDFORD ST-102	18%	FACILITIES MANAGEMENT BUILDING	100%
BEDFORD ST-092	5%	COLLEGE AVE-007	100%
ABROMSON COMM ED CTR	76%	BROOKS STUDENT CTR	100%
PAYSON SMITH HALL	2%	BAILEY HALL	86%
USM PARKING GARAGE	14%	CORTHELL HALL	79%




BEDFORD ST-025, FACMGT	32%	JOHN MITCHELL CTR	83%
LAW BLDG	1%	HASTINGS HALL	0%
GLICKMAN FAMILY LIBRARY	74%	UPTON HALL	41%
BEDFORD ST-120	92%	CARPENTER SHOP	50%
WISHCAMPER CTR	96%	HILL GYM, COSTELLO SPORTS COMPLEX	24%
BEDFORD ST-106	100%	ICE ARENA, COSTELLO SPORTS COMPLEX	13%
BEDFORD ST-126	100%	COLLEGE AVE-051	60%
		ADMISSION BARN	14%
LEWISTON-AUBURN CENTER	29%	HUSKEY DRIVE-028, PUBLIC SAFETY	5%

Risks

- Campus closures and changes in health and safety regulations in response to the COVID-19 are impacting project schedule.
- Construction, office moves, and other facilities changes planned for the next 12-24 months may cause project delays.
- Constantly changing staff phone assignments and lack of clear processes for notifying IT when staff leave or are hired is a risk to a complete and accurate migration.
- There is a risk that we will not be able to migrate all services from this system before failure of the legacy system occurs.
- The network infrastructure in some buildings on the USM campus is not adequate for deploying VoIP phones. This poses a risk to both project schedule and budget.
- Availability of human resources is a risk to this project. Resources needed for this project will also be working on telecommunications upgrades at UMF and UMPI as well as providing operational support for all campuses.

Status Update – December 2020

Brightspace LMS Implementation

Overall status:		Change from the previous report:	N/A
Budget status:		Change from the previous report:	N/A
Schedule status:		Change from the previous report:	N/A

Project Overview

Blackboard's current Learning Management System (Blackboard Learn) was slated to be superseded with its new product, Blackboard Learn Ultra, in the coming years. Instead of waiting to be forced into the new product on the vendor's timeline, during the 2018 - 2019 academic year the University of Maine System (UMS) engaged in an RFP process to evaluate and identify the Learning Management System best suited to the needs of our campus communities. Based upon feedback received from faculty across all UMS campuses and a thorough feature evaluation process also involving representation from all campuses, Desire2Learn's (D2L) Brightspace platform was selected to replace Blackboard Learn. This project implemented Brightspace as the UMS's new LMS.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete	Comments
10/9/19	UMS Chief Academic Officers Council (CAOC)	September 2020	January 2021	Implementation and Year 1: \$205,825	\$0	99%	
				Transition Support Allocations: \$1,401,396	\$1,060,798		

Status

The Fall 2020 semester recently concluded as the first full semester with Brightspace as the UMS LMS. No widespread technical issues were reported over the course of the semester, and throughout, staff from Teaching and Learning teams, US:IT, and various other departments provided high quality support to students and faculty alike.

The Core Implementation recently provided project "Lessons Learned" feedback and the Closeout Report is being drafted. The implementation project is now in its closing phase, though work to support and leverage Brightspace's features and functionality to its full potential will continue indefinitely.




Recently Completed

- Lessons Learned written feedback and Project closeout meeting
- D2L Statement of Work meeting and sign-off
- Completion of prior semester Blackboard course content migration
- Sunsetting of Blackboard
- Further refinement and development of user roles and permissions

In Progress

- Draft Closeout Report
- Continued governance planning
- Continued development of a custom administrative tool
- Further refinement and development of user roles and permissions
- Continued exploration and use of the Learning Outcomes tool
- Developing a model for supporting courses for special programs (e.g. Coop Extension) that are not entered in MaineStreet.

Status Update – Dec 2020**ERP Assessment**

Overall status:		Change from the previous report:	N/A
Budget status:		Change from the previous report:	N/A
Schedule status:		Change from the previous report:	Y

Project Overview

The evaluation of the University of Maine System's (UMS) MaineStreet applications commenced in mid-July with Huron Consulting Services to assess current business processes, identify opportunities for improvement, and develop a plan to optimize processes and technology to support UMS' strategic objectives, particularly the requirements driven by Unified Accreditation. The desired outcomes for this engagement are:

- Evaluation of the current state of the shared ERP PeopleSoft (MaineStreet) environment
- Identification of deficiencies created by the current platform configuration, business processes, and underlying data architecture
- Summary of functionality required for a unified, future-state ERP environment fully supporting the strategic priorities of the UMS, including Unified Accreditation and Collaborative Degree Programs.
- Identification of efficiencies that may be attained through technological improvements or innovations including leveraging cloud-native solutions when feasible and realistic
- Evaluation of opportunities for improvements within the current ERP platform to deliver future-state functionality and support current and emerging business needs, including a shared, unified course catalog.
- A recommended plan to achieve UMS strategic outcomes through the realignment of technological tools, processes, and policies

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete	Comments
July 2020	David Demers	November 2020	January 2020	\$275,000	\$150,000	85%	

Status

Huron has completed its current state assessment of all areas - Human Resources, Finance, Student, Reporting, and Technology, and is now focused on drafting its roadmap and future state recommendations. Additionally, Huron is drafting its Unified Accreditation vision as it pertains to the ERP Roadmap. Following preliminary reviews of the Roadmap and Unified Accreditation recommendations, Huron will present them to the President's Council for additional input.

The final deliverable for this project, targeted for January 2020, will be Huron's final report that provides a comprehensive roadmap that outlines the scope and sequencing of improvements to the MaineStreet systems in support of the optimal future state for the UMS.

Completed

- Questionnaires for Human Resources, Finance, Admissions, Student Records, Academic Advisement, Student Financials, Financial Aid, Reporting, Technology
- Workshops for Human Resources, Finance, Admissions, Student Records, Academic Advisement, Student Financials, Financial Aid, Reporting, Technology
- Current state assessments for Human Resources, Finance, Student, Reporting, Technology
- The initial draft of Roadmap recommendations




- CIO review of draft Roadmap recommendations
- Draft Unified Accreditation vision as it pertains to the ERP Roadmap

Upcoming Milestones

- Review draft Unified Accreditation vision with VCAA
- Review Unified Accreditation vision with President's Council
- Review draft Roadmap recommendations with VCFA
- Meet with UMS Leadership to collect input about future state roadmap
- Complete Final Report

Status Update December 2020

Northern Ring Optical Equipment Refresh

Overall status:		Change from previous report:	None
Budget status:		Change from previous report:	None
Schedule status:		Change from previous report:	None

Overview

This project will replace optical network equipment in northern and downeast Maine.

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete	Comments
12/2020	Jeffrey Letourneau	7/2021	7/2021	\$1,350,000	\$ 1,180,655	5%	

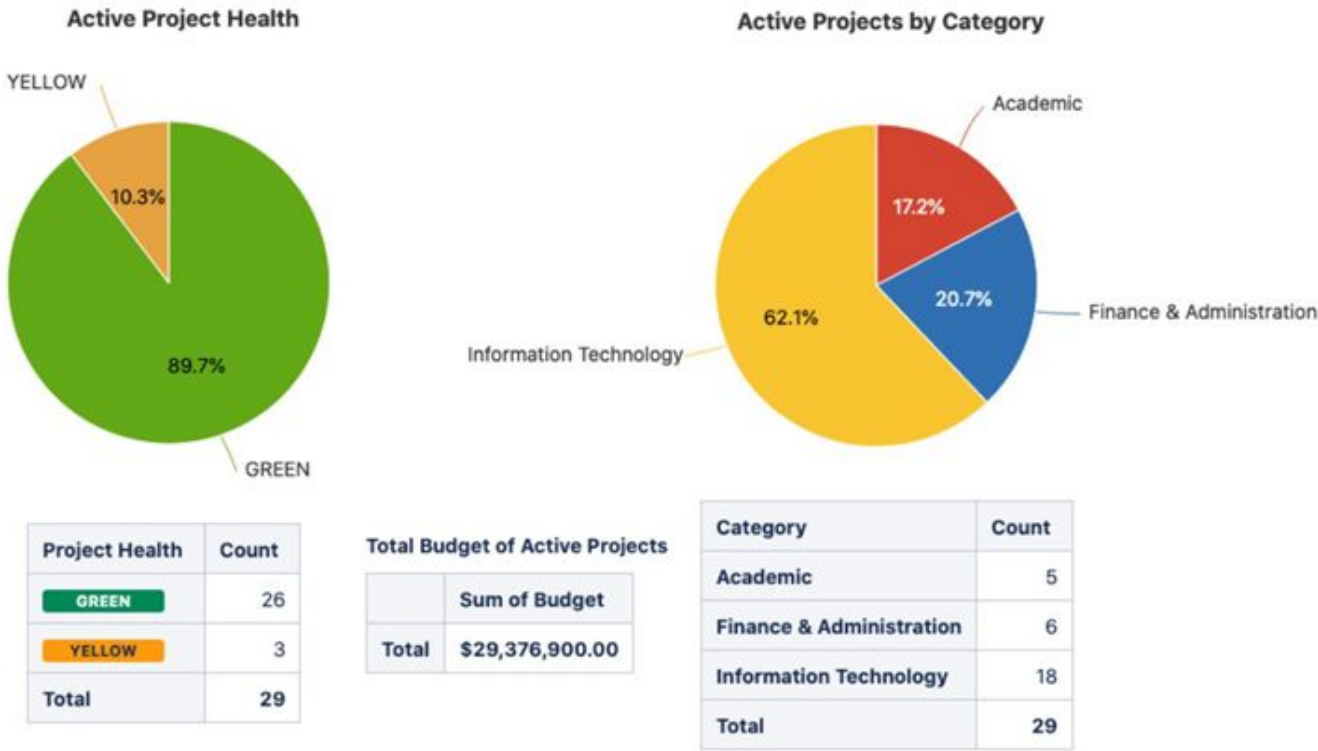
Status

The work for this project is divided into four general phases. The first is site surveys and preparation including facilities upgrades as needed (estimate completion by the end of January). The second phase includes installation of new equipment in coordination with an external contractor (tentatively to start late February). Once the equipment is installed, there will be a phase to migrate services to the new equipment. Finally, the team will decommission the old equipment.

The team is currently working on site surveys and preparation. Equipment has been ordered and planning meetings are underway with the contractor.

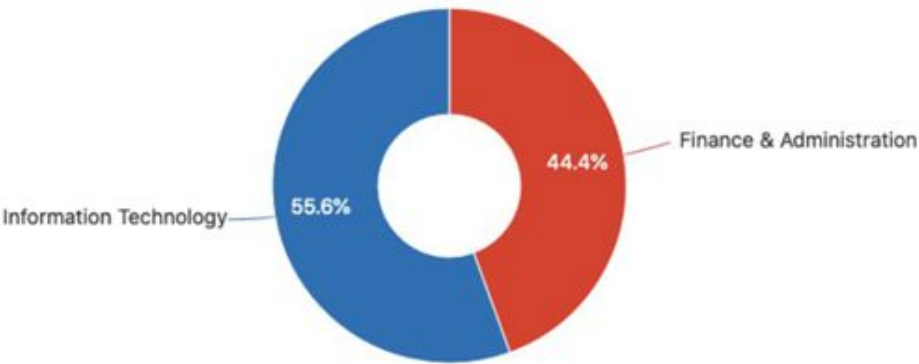
Risks

- Limited access to sites and changes in health and safety regulations in response to the COVID-19 pandemic could impact project schedule. This work may require contractors from other states to visit sites.
- While working in Northern Maine in winter, weather may adversely impact project schedule.
- Availability of equipment may be a risk to this project.
- Availability of human resources is a risk to this project. Resources needed for this project also provide production support and support to other projects.



Initiating Projects & RFPs

Category	Count
Finance & Administration	4
Information Technology	5
Total	9











US:IT Project (>\$250,000) Review

**Finance – Facilities – Technology
Committee**

January 6, 2021










**Maine's
Public
Universities**

UNIVERSITY OF MAINE SYSTEM


**University Services
Information Technology**

1

US:IT Project (>\$250,000) Review

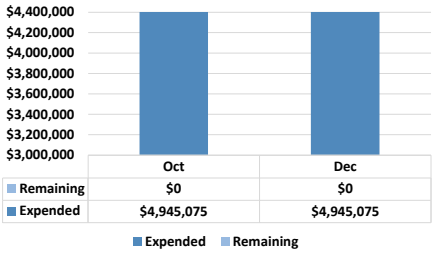
Classrooms for the Future



**Maine's
Public
Universities**

UNIVERSITY OF MAINE SYSTEM

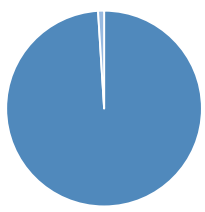
Project Budget - \$4.945M**



	Oct	Dec
Remaining	\$0	\$0
Expended	\$4,945,075	\$4,945,075

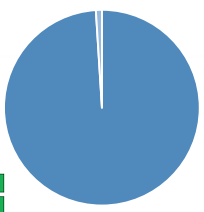
■ Expended ■ Remaining

99% Complete (Oct)



→

***99% Complete (Dec)**




Overall status: ■

Budget status: ■









Schedule status: ■

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget*	Budget Committed to date	Budget % Committed	Project % Complete
4/2016	Dorel Dorel	12/2019 (updated 11/18)	12/2020	\$4,945,075	\$4,945,075	100%	99%

****Availability of Unexpended Contingency funds will allow for additional work to be completed**




2








US:IT Project (>\$250,000) Review


Classrooms for the Future











Maine's
Public
Universities
UNIVERSITY OF MAINE SYSTEM

• **2017-2020 Classroom Upgrades**

Campus	Dec '20	
UMA	82%*	
UMF	100%	
UMFK	99%	
UMM	99%	
UM	100%	
USM	98%	
UMPI	96%	




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US:IT Project (>\$250,000) Review

Classrooms for the Future




Maine's
Public
Universities
UNIVERSITY OF MAINE SYSTEM

• **Dec 2020 Update**

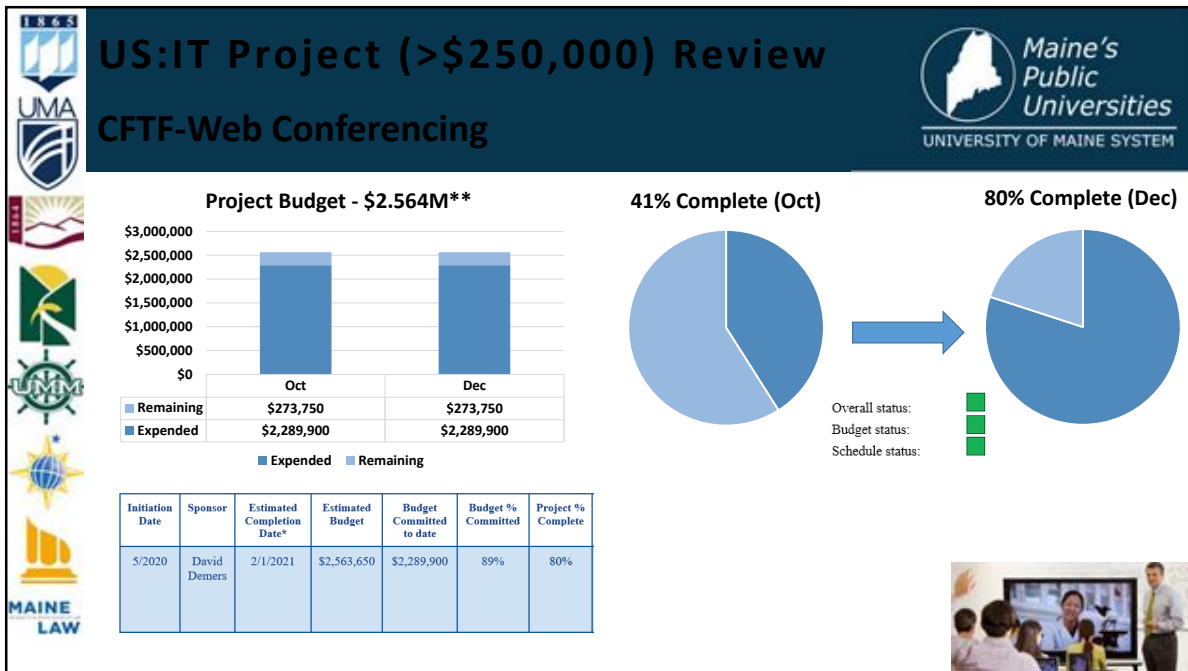
- Availability of Unexpended Contingency funds will allow for additional work to be completed
- UMA campus will combine remaining contingency funds and RUS grant funds to update several rooms during winter break and into Summer 2021
- Room selection underway for remaining contingency funds available for UM and UMPI
- Final Room Scoring Assessment near complete

• **Risks**

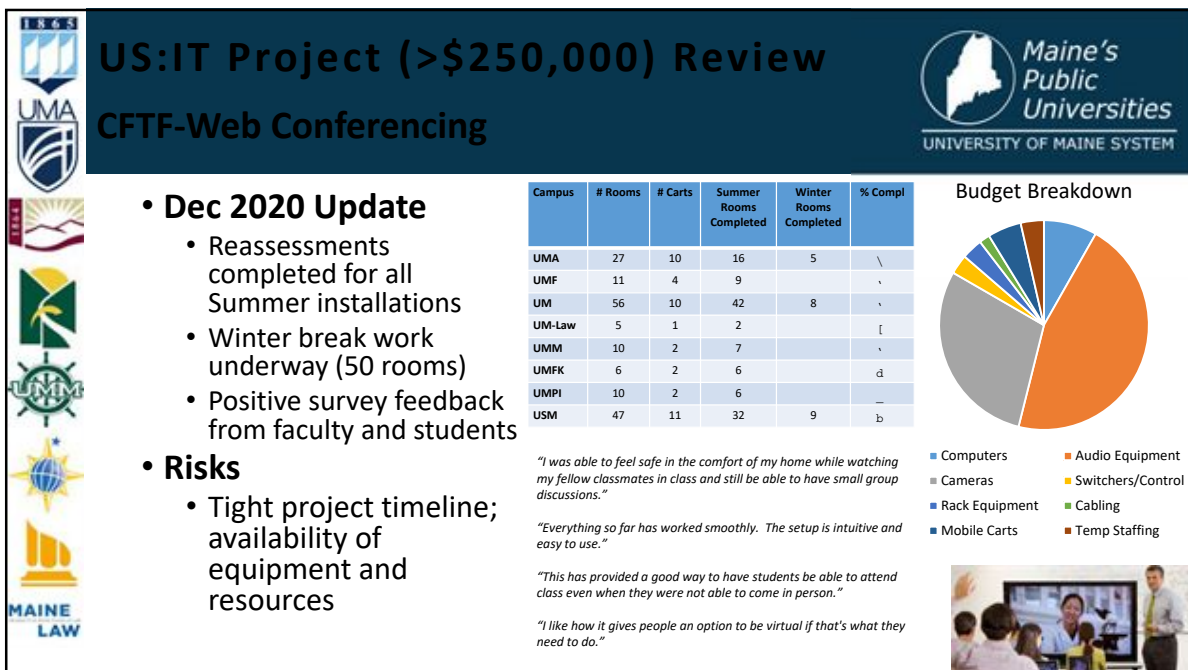
- High anticipation for Phase II funding to complete remaining rooms



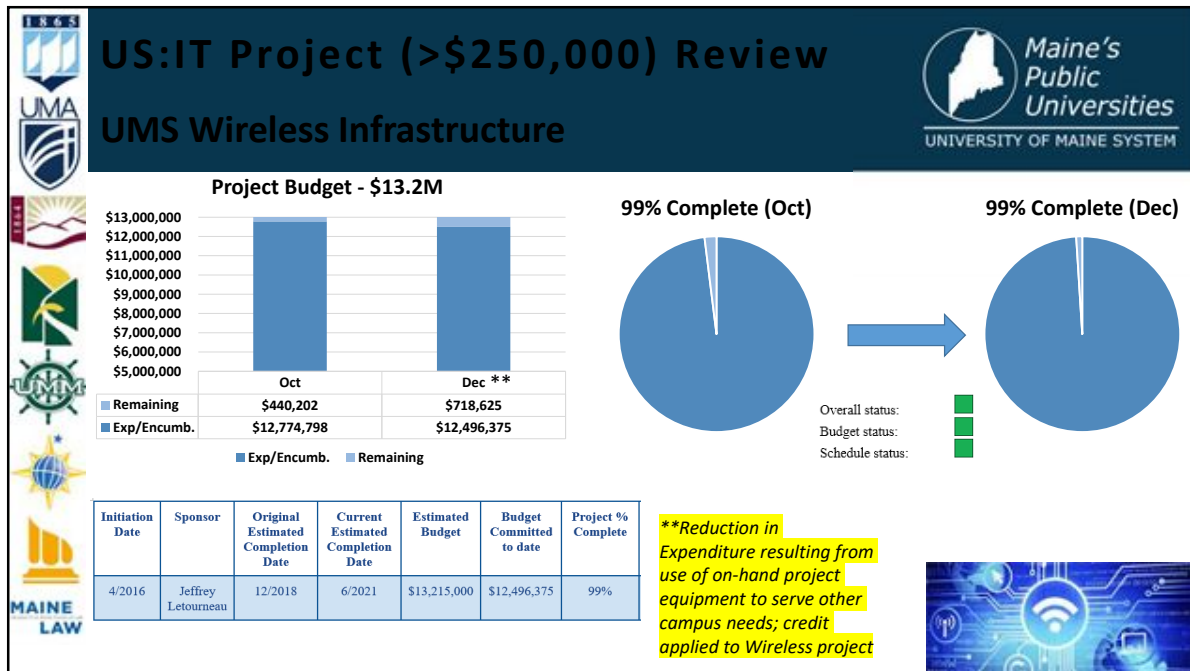
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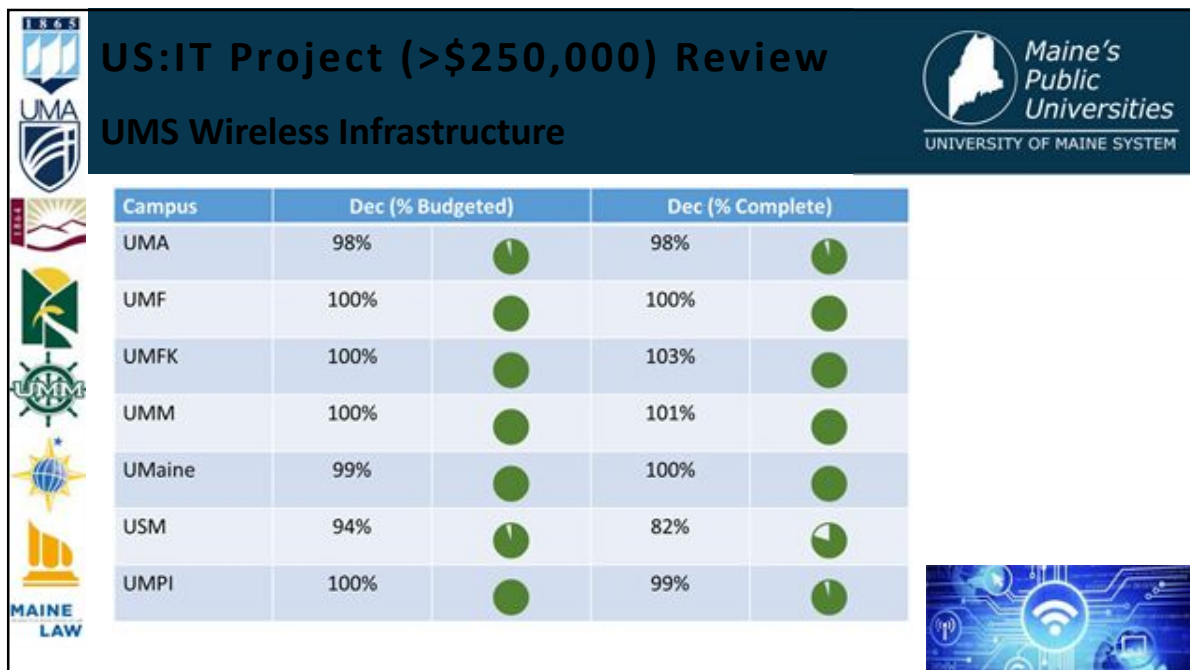
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6



7




8









US:IT Project (>\$250,000) Review







UMS Wireless Infrastructure



- **Project Status**
 - Project work is complete at UMA, UMF, UMFK, UMM and UMPI
 - Facilities Management is completing punch-list work at UM; no additional work planned or scheduled.
 - Final cabling work at USM underway with projected completion by June 2021
- **Recently Completed:**
 - USM – Costello Complex
- **Current Work:**
 - LAC Network Equipment Upgrade (95%)
 - Sullivan Gym is nearly complete
- **Risks**
 - Phased funding will necessitate maintaining parallel wireless network
 - High anticipation for additional funding to complete effort




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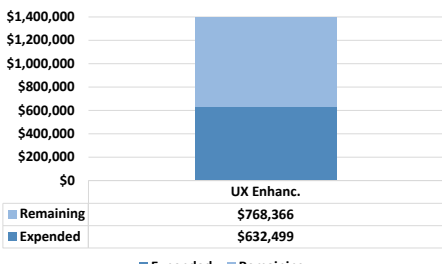







US:IT Project (>\$250,000) Review

MaineStreet Improvements

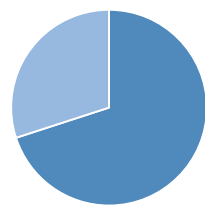


Project Budget - \$1.1M



	Amount
Remaining	\$768,366
Expended	\$632,499

UX Enhance (68% Compl)





Overall status: ■









Budget status: ■

Schedule status: ■

Project	Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete
UX Enhancements	September 2018	David Demers	January 2019	*May 2021	\$1,148,237	\$632,499	68%





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US:IT Project (>\$250,000) Review









MaineStreet Improvements



- Recently Completed:**
 - Updates applied to PRD MaineStreet database
 - User acceptance testing (UAT)
 - Planning with UMM campus leadership and functional area teams to support Spring student pilot
- In Progress:**
 - Technical remediation following UAT
 - Communication planning for UMM Spring student pilot
 - Development of UMM Spring pilot support documentation, including FAQs and a brief video tutorial
 - Reassessment of each feature and function in updated production environment
- Risks**
 - Managing change in navigation and interface for the MaineStreet environment






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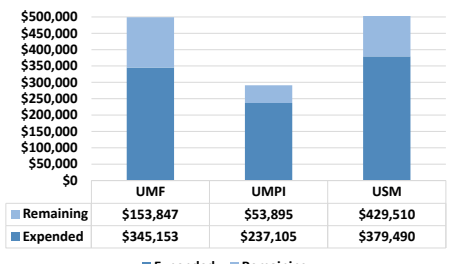









US:IT Project (>\$250,000) Review

VoIP Implementation

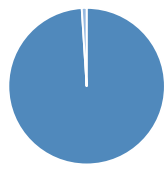


Project Budget - \$1.599M

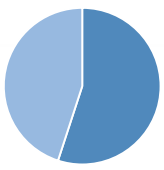


	UMF	UMPI	USM
Remaining	\$153,847	\$53,895	\$429,510
Expended	\$345,153	\$237,105	\$379,490

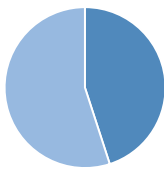
UMF (99% Compl)



UMPI (55% Compl)




USM (45% Compl)



Overall status: ■



Budget status: ■

Schedule status: ■




	Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete
UMF	4/2019	Jeffrey Letourneau	9/2021	03/2021	\$499,000	\$345,153.29	99%
UMPI	6/2019	Jeffrey Letourneau	9/2021	6/2021	\$291,000	\$237,104.73	55%
USM	6/2019	Jeffrey Letourneau	9/2022	9/2022	\$809,000	\$379,490	45%

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US:IT Project (>\$250,000) Review

VoIP Implementation



UMF:

- Final removal and cleanup of old system will be done over winter break
- New system is operational and old system has been powered off

UMPI:

COVID-19 Impact has delayed project timeline


- South Hall and Campus Center cabling underway with phones to follow
- Preble Hall completed with final clean to be completed over winter break

USM:



- Current focus on Gorham and LAC campuses
- Office moves and prep for upcoming construction projects
- Working with Public Safety on upgrade to call recording system

Risks

- Ongoing probability of future failures of legacy phone systems at UMF/USM
- Poor network infrastructure on both campuses will pose challenges to the project timeline




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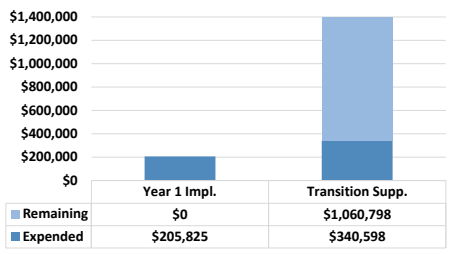



US:IT Project (>\$250,000) Review

Brightspace LMS Implementation

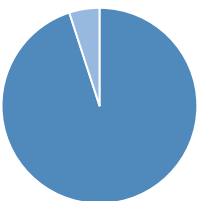


Project Budget - \$1.61M

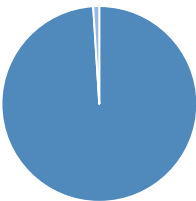


	Year 1 Impl.	Transition Supp.
Remaining	\$0	\$1,060,798
Expended	\$205,825	\$340,598

95 % Complete (Oct)



99% Complete (Dec)




Overall status: ■

Budget status: ■

Schedule status: ■

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete
10/9/19	UMS Chief Academic Officers Council (CAOC)	September 2020	January 2021	Implementation and Year 1: \$205,825	\$0	99%
				Transition Support Allocations: \$1,401,396	\$1,060,798	



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US:IT Project (>\$250,000) Review



Brightspace LMS Implementation



- **Recently Completed:**
 - Lessons Learned sessions to inform Project Closeout report
 - Completion of Blackboard course content migration
 - Sunsetting of Blackboard
- **In Progress:**
 - Draft Project Closeout Report
 - Continued governance planning
 - Further refinement and development of user roles and permissions
 - Continued exploration and use of the Learning Outcomes tool
 - Developing a model for supporting non-credit courses for special programs (e.g. Coop Extension)
- **Risks**
 - Very aggressive timeline for completion
 - COVID-19 disruption





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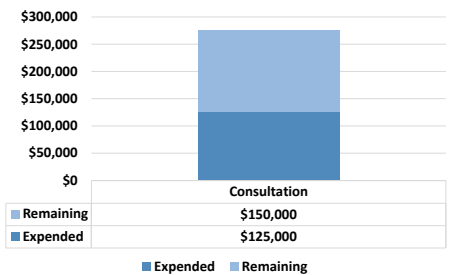



US:IT Project (>\$250,000) Review

ERP Assessment

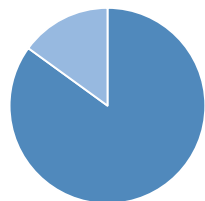


Project Budget - \$275K



Category	Amount
Consultation	\$150,000
Remaining	\$150,000
Expended	\$125,000


85 % Complete (Dec)



Overall status: ■

Budget status: ■

Schedule status: ■



Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Initial Budget	Current Budget Balance	Project % Complete
July 2020	David Demers	November 2020	January 2020	\$275,000	\$150,000	85%

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US:IT Project (>\$250,000) Review





ERP Assessment



- **Project Overview ("Repaving MaineStreet")**
 - Evaluation of UMS MaineStreet (Peoplesoft) ERP to identify functional gaps and opportunities to support Unified Accreditation; develop roadmap/plan
- **Recently Completed:**
 - Functional partner (Huron) has completed surveys and working sessions with UMS stakeholder offices
 - Initial draft of Roadmap recommendations for CIO review
 - Draft Unified Accreditation vision
- **In Progress:**
 - Review of draft Unified Accreditation vision
- **Risks**
 - Funding to support





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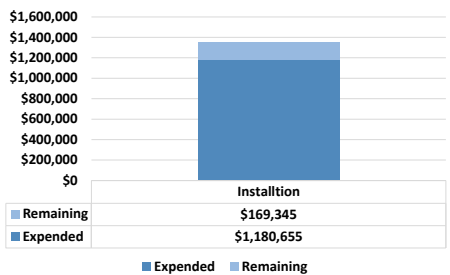





US:IT Project (>\$250,000) Review

Northern Ring Optical Equipment Refresh

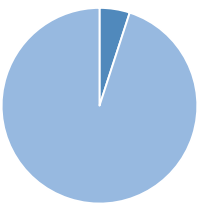


Project Budget - \$275K



	Amount
Installation	\$1,180,655
Remaining	\$169,345

5 % Complete (Dec)




Overall status:






Budget status:

Schedule status:

Initiation Date	Sponsor	Original Estimated Completion Date	Current Estimated Completion Date	Estimated Budget	Budget Committed to date	Project % Complete
12/2020	Jeffrey Letourneau	7/2021	7/2021	\$1,350,000	\$ 1,180,655	5%




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US:IT Project (>\$250,000) Review

Northern Ring Optical Equipment Refresh

- **Recently Completed:**
 - Equipment purchases have been completed
- **In Progress:**
 - First phase (site surveys, preparation) to be completed end of Jan 2021
- **Risks**
 - Limited access to sites due to COVID-19 restrictions



University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: State of IT 2020 Report

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

N/A

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

Dr. David Demers, Chief Information Officer, will share highlights from the State of IT 2020 Report, including:

- Overview of US:IT response to COVID-19 pandemic
 - Tools and Services to support Spring 2020 Shift to Remote Teaching, Learning and Work
 - Tools and Services to support Fall 2020 Safe Return to Campus
- Project highlights from 2020

Link to Report: wpsites.maine.edu/stateofitreport/

12/22/2020

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: KPI – Core Financial Ratios

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

Section 700 Financial Affairs

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

Vice Chancellor for Finance and Administration Ryan Low will give a brief presentation regarding Core Financial Ratios, a Key Performance Indicator (KPI) tracked by UMS. This presentation will be part of a series of regular updates to the Board by the Vice Chancellors on the progress in meeting KPIs.

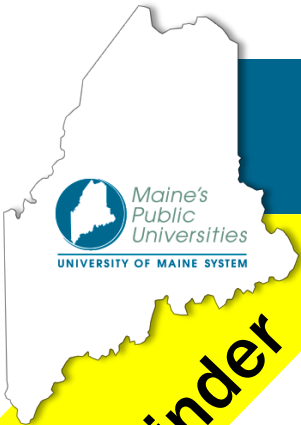
12/22/2020



University of Maine System

Core Financial Ratios

Ryan Low
Vice Chancellor for Finance
and Administration



Reminder

Accounting Standard in Review

- GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions* (GASB 75)
- Affects how the UMS measures, reports, and discloses information about its other postemployment benefits (OPEB) other than pensions
- Applies to UMS' retiree health plan
- Required adoption for UMS in FY18
- Due to use of comparative financial statements, UMS adopted the standard effective 7/1/16 and restated FY17 financial results

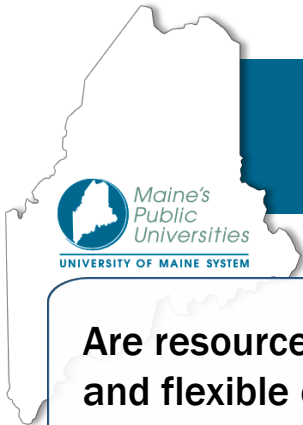
Reminder

UNIVERSITY OF MAINE SYSTEM
Statement of Revenues, Expenses and Changes in Net Position
Year Ended June 30, 2017
(\$ in thousands)

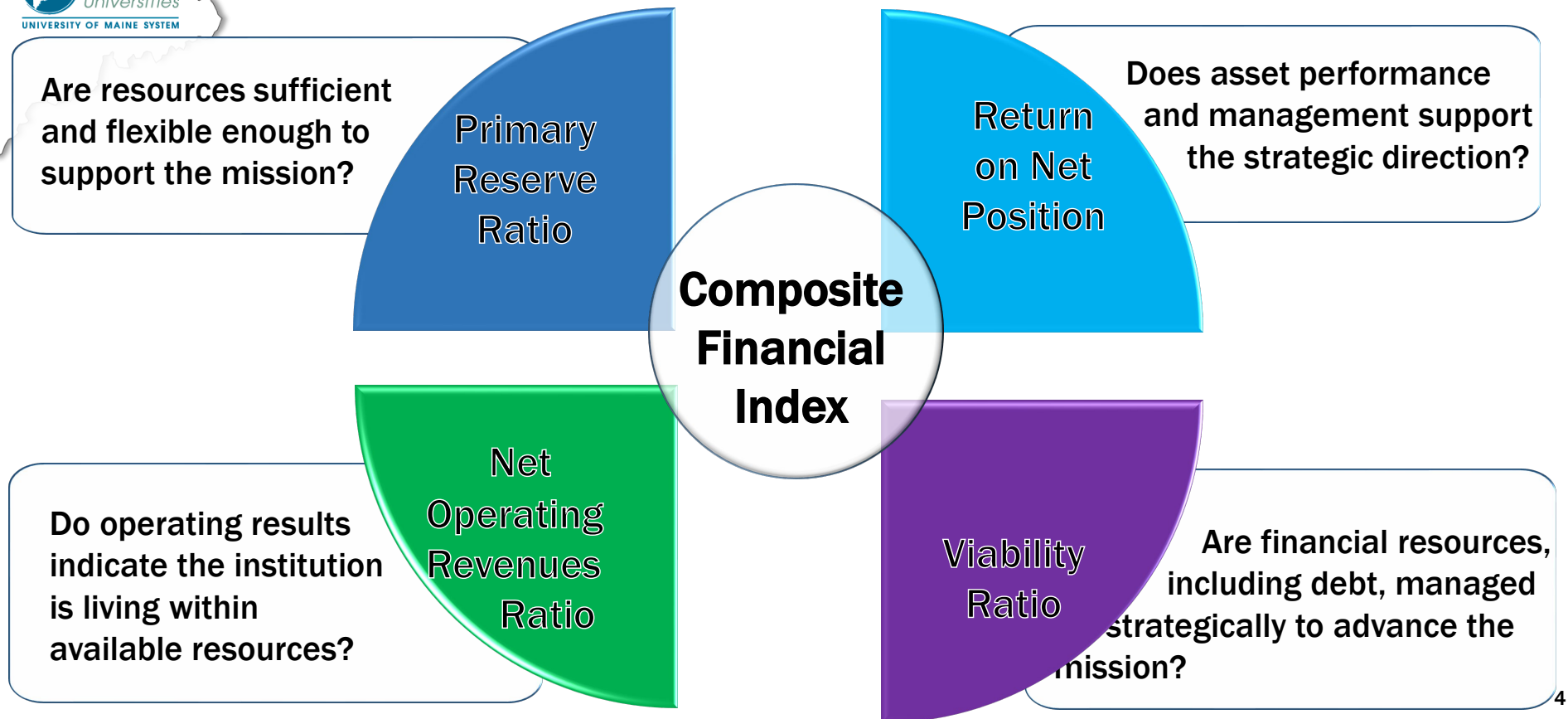
	2017 Original	2017 Restated	Change
Operating Revenues			
Tuition and fees	\$ 280,611	\$ 280,611	
Residence and dining fees	62,222	62,222	
Less: scholarship allowances	(97,344)	(97,344)	
Net student fees	245,489	245,489	
Federal, state and private grants and contracts	137,529	137,529	
Recovery of indirect costs	12,333	12,333	
Educational sales and services and other revenues	34,345	34,345	
Other auxiliary enterprises	18,476	18,476	
Total Operating Revenues	448,172	448,172	
Operating Expenses			
Instruction	170,901	170,901	
Research	73,176	73,176	
Public Service	59,950	59,950	
Academic Support	71,100	71,100	
Student Services	53,983	53,983	
Institutional Support	67,173	55,121	\$ (12,052)
Operation and maintenance of plant	50,638	50,638	
Depreciation and amortization (Note 6)			
Student Aid			
Auxiliary enterprises			
Total Operating Expenses			
Operating Loss			
Nonoperating Revenues (Expenses)			
Noncapital State of Maine appropriations			
Gifts currently expendable			
Endowment return used for operations (Note 3)			
Investment income (Note 3)			
Interest expense, net (Note 7)			
Net Nonoperating Revenues			
Income (Loss) Before Other Changes in Net Position			
Other Changes in Net Position			
State of Maine capital appropriations			
Capital grants and gifts			
Endowment return (loss), net of amount used for operations			
True and quasi endowment gifts			
Gain (Loss) on disposal of capital assets			
Total Other Changes in Net Position			
Change in Net Position			
Net Position - Beginning of the Year			
Net Position - End of Year			

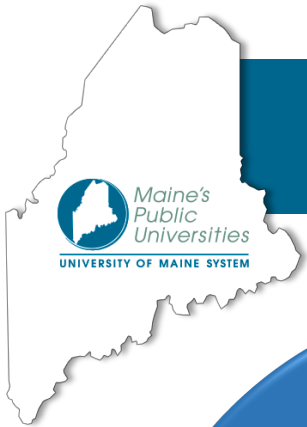
- FY17 beginning of year Net Position was reduced by nearly \$102 million
- With FY17 OPEB expense reduced by \$12 million (going from \$15 million to \$3 million)
- Net impact on previously stated FY17 end of year Net Position was a reduction of nearly \$90 million

	2017 Original	2017 Restated	Change
Income (Loss) Before Other Changes in Net Position	3,645	15,697	\$ 12,052
Other Changes in Net Position			
State of Maine capital appropriations	5,148	5,148	
Capital grants and gifts	3,276	3,276	
Endowment return (loss), net of amount used for operations	7,358	7,358	
True and quasi endowment gifts	1,313	1,313	
Gain (Loss) on disposal of capital assets	1	1	
Total Other Changes in Net Position	17,096	17,096	
Change in Net Position	20,741	32,793	\$ 12,052
Net Position - Beginning of the Year	866,705	765,046	\$ (101,659)
Net Position - End of Year	\$ 887,446	\$ 797,839	\$ (89,607)



Core Financial Ratios and Composite Financial Index





Primary Reserve Ratio

Primary Reserve Ratio

The **Primary Reserve Ratio** provides a snapshot of financial strength and flexibility by indicating how long the institution could function using its expendable net position (both unrestricted and restricted, excluding net position restricted for capital investments) without relying on additional net position generated by operations. This ratio is calculated as follows:

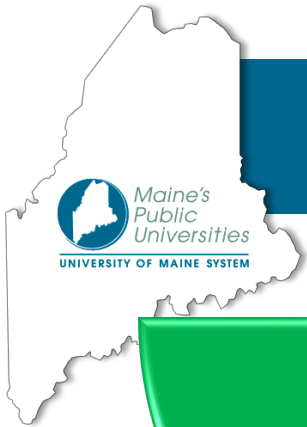
$$\frac{\text{Expendable Net Position}^*}{\text{Total Expenses}}$$

**excluding net positions restricted for capital investments*



Primary Reserve Ratio - All Campuses

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17 - Restated</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>
Benchmark	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
UM	0.41	0.43	0.43	0.42	0.40	0.40	0.30	0.31	0.30	0.30
UMA	0.25	0.26	0.32	0.35	0.39	0.38	0.25	0.24	0.23	0.22
UMF	0.34	0.36	0.40	0.37	0.30	0.22	0.04	0.03	-0.01	-0.02
UMFK	0.02	0.01	0.01	0.03	0.02	0.06	-0.07	0.00	0.01	0.10
UMM	0.00	0.00	0.01	0.06	0.06	0.16	0.13	0.09	0.09	0.08
UMPI	0.31	0.32	0.32	0.26	0.13	0.15	0.01	0.02	0.05	0.04
USM	0.17	0.18	0.19	0.19	0.21	0.25	0.12	0.10	0.07	0.07
UMSGUS-Op	0.73	0.59	0.54	0.61	0.87	1.19	1.50	1.21	1.84	1.76
UMSGUS	2.15	1.38	1.80	2.60	1.43	1.78	4.13	2.92	2.30	3.23
UMS	0.37	0.38	0.40	0.41	0.39	0.39	0.29	0.29	0.28	0.30 ₆

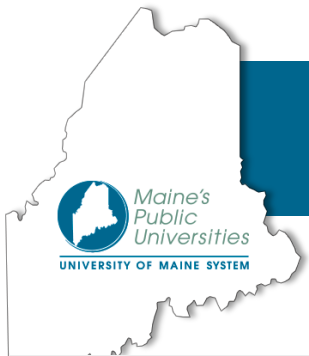


Net Operating Revenues Ratio

Net Operating Revenues Ratio

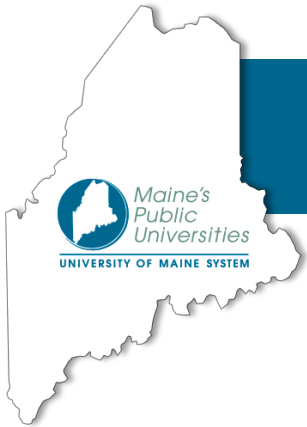
The **Net Operating Revenues Ratio** is a measure of operating results and answers the question, “Do operating results indicate that the University is living within available resources?” Operating results either increase or decrease net position and, thereby, impact the other three core ratios: Primary Reserve, Return on Net Position, and Viability. This ratio is calculated as follows:

$$\frac{\text{Operating Income (Loss) plus Net Non-Operating Revenues (Expenses)}}{\text{Operating Revenues plus Non-Operating Revenues}}$$



Net Operating Revenues Ratio – All Campuses

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17 - Restated</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>
Low Benchmark	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
High Benchmark	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
UM	4.06%	2.53%	-1.19%	-2.20%	-1.98%	-0.65%	-1.01%	-0.35%	-1.70%	-1.23%
UMA	5.52%	3.48%	4.07%	0.57%	2.73%	1.12%	-0.78%	-4.06%	-2.49%	-0.99%
UMF	2.41%	3.93%	0.03%	-4.54%	-5.44%	-4.47%	-5.53%	-5.91%	-5.62%	-1.56%
UMFK	-4.05%	-3.44%	-3.91%	-0.93%	-2.71%	2.69%	0.50%	4.93%	0.55%	6.75%
UMM	-3.34%	-2.40%	-3.26%	-7.19%	-0.20%	-1.19%	1.16%	-0.53%	-4.32%	-4.11%
UMPI	2.54%	-0.17%	-3.13%	-13.00%	-17.95%	-2.73%	-4.64%	-3.21%	-5.39%	-3.91%
USM	4.69%	2.04%	0.63%	-0.37%	0.67%	2.19%	0.28%	-1.51%	-1.46%	-1.17%
UMSGUS-Op	6.09%	7.49%	-7.70%	17.66%	9.84%	12.25%	56.13%	1.99%	21.42%	6.47%
UMSGUS	30.62%	1.62%	16.67%	46.73%	-35.91%	-3.37%	65.02%	28.42%	7.48%	25.61%
UMS	5.16%	2.24%	0.55%	0.94%	-3.00%	-0.20%	2.28%	-0.08%	-1.66%	0.01%

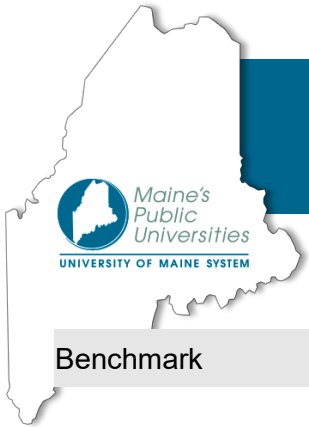


Return on Net Position

The **Return on Net Position Ratio** measures asset performance and management. It determines whether an institution is financially better off than in the previous year by measuring total economic return. It is based on the level and change in total net position. An improving trend in this ratio indicates that the institution is increasing its net position and is likely to be able to set aside financial resources to strengthen its future financial flexibility. This ratio is calculated as follows:

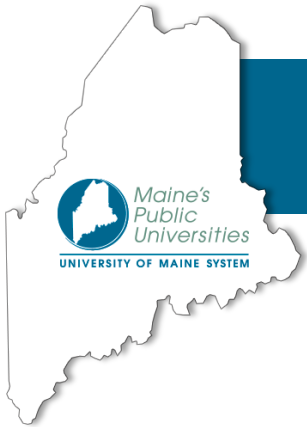
Return
on Net
Position

$$\frac{\text{Change in Net Position}}{\text{Total Beginning of the Year Net Position}}$$



UMS Return on Net Position – All Campuses

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17 - Restated</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>
Benchmark	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
UM Real Rate	10.35%	4.25%	2.10%	-1.22%	-1.68%	-0.57%	-1.63%	-0.58%	-1.60%	-1.91%
UMA Real Rate	10.14%	4.23%	4.29%	-0.62%	0.92%	-0.01%	-0.36%	-5.47%	-4.29%	-2.79%
UMF Real Rate	4.07%	3.62%	0.19%	-3.46%	-6.35%	-4.19%	-6.75%	-5.79%	-2.23%	-1.89%
UMFK Real Rate	-1.68%	2.75%	-2.97%	21.08%	-1.49%	4.30%	-1.80%	4.47%	-1.44%	9.46%
UMM Real Rate	-2.04%	-0.49%	-2.28%	1.76%	11.99%	6.45%	5.33%	-3.26%	-5.75%	1.03%
UMPI Real Rate	5.51%	1.78%	-3.61%	-9.81%	-12.54%	-1.80%	-7.36%	-4.53%	-5.81%	-4.15%
USM Real Rate	6.37%	2.82%	0.12%	-2.25%	-1.14%	1.58%	-0.98%	-4.21%	-3.47%	-0.38%
UMSGUS-Op Real Rate	5.22%	1.28%	-5.58%	8.59%	3.32%	1.12%	58.69%	2.31%	9.58%	1.91%
UMSGUS Real Rate	15.59%	-2.09%	6.25%	22.79%	-12.55%	-5.62%	33.84%	9.77%	1.68%	7.59%
UMS Real Rate	9.04%	3.12%	1.78%	0.63%	-3.04%	-0.69%	0.89%	-0.92%	-1.94%	-0.40%



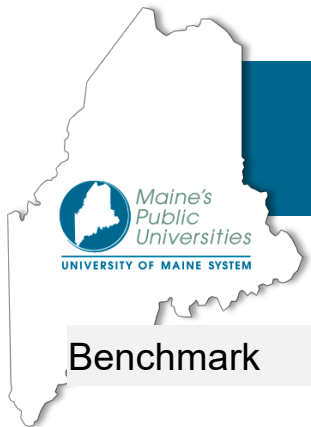
Viability Ratio

The **Viability Ratio** measures expendable resources that are available to cover debt obligations (e.g., capital leases, notes payable, and bonds payable) and generally is regarded as governing an institution's ability to assume new debt. This ratio is calculated as follows:

Viability
Ratio

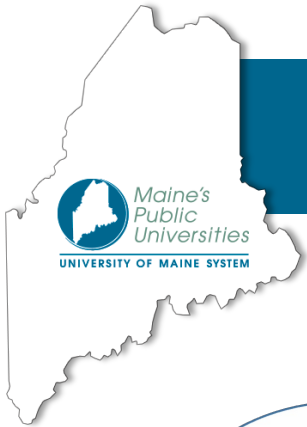
$$\frac{\text{Expendable Net Position}^*}{\text{Long-Term Debt}}$$

**excluding net positions restricted for capital investments*



Viability Ratio – All Campuses

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17 - Restated</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>
Benchmark	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
UM	1.44	1.47	1.60	1.74	1.77	1.91	1.53	1.75	1.90	2.09
UMA	3.93	4.33	5.82	7.04	8.31	9.98	5.45	7.37	9.42	11.15
UMF	1.60	1.75	1.96	1.89	0.67	0.57	0.12	0.08	-0.02	-0.07
UMFK	0.05	0.03	0.02	0.07	0.04	0.12	-0.14	-0.01	0.02	0.28
UMM	0.01	0.01	0.03	0.16	0.12	0.39	0.29	0.22	0.23	0.22
UMPI	3.45	3.71	3.87	3.15	1.58	1.86	0.07	0.26	0.59	0.53
USM	0.49	0.52	0.57	0.58	0.62	0.71	0.36	0.34	0.30	0.30
UMSGUS-Op	1.34	1.34	1.86	2.25	3.64	4.73	1.43	1.47	2.45	3.08
UMSGUS	3.69	3.82	6.42	7.78	8.06	9.20	2.76	3.32	4.24	5.64
UMS	1.28	1.33	1.51	1.69	1.52	1.62	1.12	1.27	1.41	1.62



Composite Financial Index

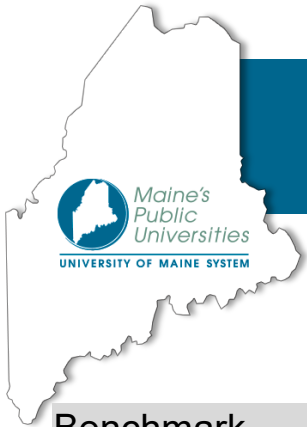
Composite Financial Index

The **Composite Financial Index (CFI)** creates one overall financial measurement of the institution's health based on the four core ratios: primary reserve ratio, net operating revenues ratio, return on net position ratio, and viability ratio. By blending these four key measures of financial health into a single number, a more balanced view of the state of the institution's finances is possible because a weakness in one measure may be offset by the strength of another measure.

The CFI is calculated by completing the following steps:

1. Compute the values of the four core ratios;
2. Convert the ratio values to strength factors along a common scale;
3. Multiply the strength factors by specific weighting factors; and
4. Total the resulting four numbers (ratio scores) to reach the single CFI score.

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Composite Financial Index

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	<u>FY16</u>	<u>FY17 - Restated</u>	<u>FY18</u>	<u>FY19</u>	<u>FY20</u>
Benchmark	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
UM	4.1	3.3	2.7	2.4	2.3	2.6	2.1	2.5	2.2	2.4
UMA	6.0	5.3	5.5	4.7	5.2	4.8	4.4	3.5	3.6	3.9
UMF	3.2	3.5	2.9	2.1	0.5	0.4	-0.5	-0.5	-0.4	-0.3
UMFK	-0.3	0.1	-0.5	2.0	-0.3	1.2	-0.1	1.4	0.2	2.6
UMM	-0.4	-0.2	-0.4	0.4	1.6	1.4	1.6	0.3	-0.3	0.3
UMPI	4.9	4.3	3.5	2.2	0.5	1.5	-0.7	-0.3	-0.1	-0.1
USM	2.4	1.7	1.2	1.0	1.3	1.9	0.9	0.2	0.1	0.4
UMSGUS-Op	4.7	4.0	2.2	5.7	6.9	7.9	7.7	5.2	7.8	7.4
UMSGUS	9.4	6.9	8.8	10.0	5.8	6.2	8.8	8.6	8.4	9.0
UMS	3.9	2.9	2.7	3.0	1.8	2.4	2.5	2.0	1.7	2.3

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Capital Project Status and Bond Project Status Report, UMS

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

UNIFIED ACCREDITATION CONNECTION:

BACKGROUND:

Overview:

Attached is the Capital Project Status Report for the January 6, 2021 meeting of the Finance, Facilities and Technology Committee. The report reflects a total of 21 projects; no new projects have been added or removed since the last report.

COVID-19 Impact on Capital Construction:

While most projects continue to move forward at this time under the various provisions of state and federal pandemic guidance, some impacts continue.

- Three of four projects previously placed on hold remain so. The viability of and alternative options for these projects will continue to be reviewed for potential future resumption. More information provided below.
- Previously reported impacts continue to be relevant.

Bond Project Status Report:

The special portion of this report calling out only bond projects continues to reflect thirty four (34) projects. One project was removed from the list as the funding sources changed and no longer included bond funds. The projects are currently estimated to account for more than \$39 million of the \$49 million in voter approved general obligation bond funding. About \$10.5 million of that has been expended.

Supplemental funding is being leveraged for some of these projects and the total estimated project value across all funds currently stands at approximately \$52.4 million, including the bond funding and other project resources. The University continues to invest in additional projects as well.

- Twelve of the bond projects are complete and another one is substantially complete.
- Eleven (11) of these bond projects also appear on the Capital Project Status Report with approved budgets above board threshold.
- Five (5) projects are expected to be brought to the board for additional authorization as design progresses but are currently in design and pre-design phases with budgets below the board approval threshold.

- The remaining bond funded projects do not have budgets that meet the threshold for Board of Trustees consideration and are therefore not present on the Capital Projects Status Report. As projects are completed, they will remain on this report for documenting purposes until all Bond Projects are completed.

Future reports will be updated to reflect additional active Bond projects as the information becomes available.

Update on projects placed on hold due to Pandemic:

Initially as the Universities were bracing for potential financial impact due to the pandemic four projects were placed on hold; two projects at UMA (1100077 and 1200029) and two at USM (6100330 and Fitness Equipment/space).

In recent months the Handley Hall project for UMA (1200029) has re-started in the design/scoping phase. The campus with assistance from CPPM is reviewing the scope of this project and working to provide a scope that will meet the minimum needs while limiting the costs. The other UMA project, the Augusta Welcome Center was out for bid as the pandemic took hold with bids received on April 16th, 2020. Of the \$6,850,000 approved for the project, \$4M were expected to come from UMA campus funds. Given the expected financial impacts of the pandemic it was decided to reject the bids received and re-assess the situation. UMA worked over the summer months to determine smaller directed improvements that could be made to Randall Hall to address some of the related bigger picture scope and is currently working with CPPM to address these items. Costs for this related work is expected to be less than \$500,000. With this, the UMA Welcome Center Project will be flagged for removal and removed from this list in the coming cycle. The other projects will show up on the bond report as they are created.

USM is still assessing the two projects put on hold and will be bringing forward additional information in the coming months. At this point, the Fitness Equipment/space renovation project is expected to move forward in Spring of 2022.

Harold Alfond Foundation (HAF) Grant funded projects

Earlier this year the University was announced as a recipient of HAF grant funds to be disbursed over the coming ten years and to assist in completing various construction or renovation projects. There is also a significant match requirement for these funds. The System has set up a core team consisting of Financial and Capital Planning personnel to manage the roll out of these funds and related projects. These projects will be included in updates to the regular capital planning process including the one year and long-term capital plans. More information is expected to be presented in the coming months.

UM Historic Building P3 initiative update

The University of Maine continues to pursue a Public Private Partnership opportunity for reuse of the historic Coburn and Holmes Halls. A Request for Qualifications was issued in early October 2020. As a result of that process four firms were deemed qualified and moved to the proposal phase of the process. The Request for proposal was issued December 15 with responses due January 25th, 2021. The University will evaluate the proposals and as a finalist is selected will prepare board authorization documentation as needed.

UMaine Energy Center project update

The pre-design and negotiation phase of the UMaine Energy Center project is wrapping up and the team expects to have a signed Phase II agreement, as previously approved by the board in March of 2019, complete and ready to report at an upcoming meeting.

12/22/2020

Research Projects being considered

This serves as an informational notice that there are some projects that are research related and include additional space components which are being considered at the campus level. These projects are or will be reflected in the campuses' three-tiered capital planning processes. A reminder that the three-tiered plan process consists of a one-year capital plan, a long-term (5 to 10 year) capital plan and a campus facilities master plan. All campuses endeavored to have a master plan in place by 2023. UM and UMM are currently exploring options for updates to their current status.

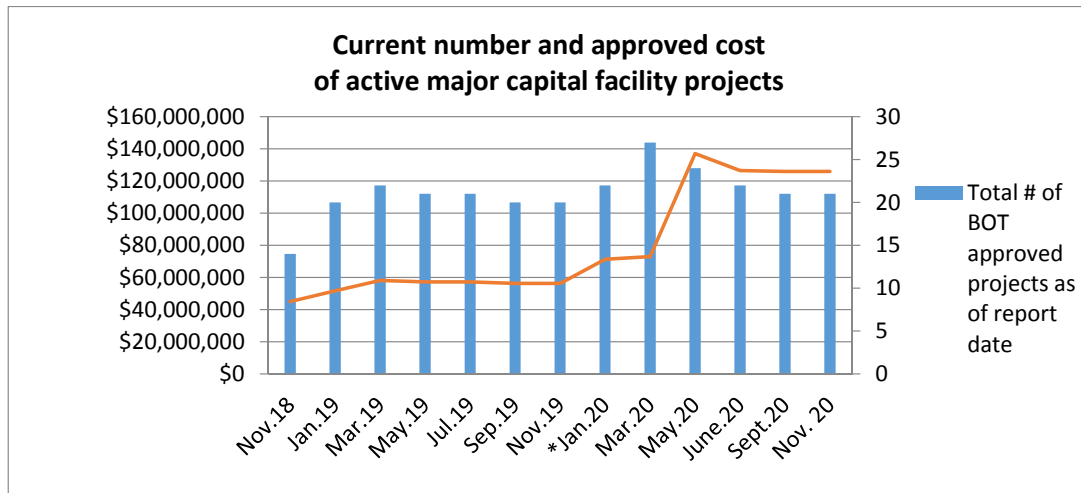
As the plans for these research related projects with added space are developed initial approval through the chancellor for the added space will be sought to allow the initial studies and exploration of grant and other funding opportunities. Following a determination of the feasibility, scope, cost and schedule items which need board authorization will be brought forward.

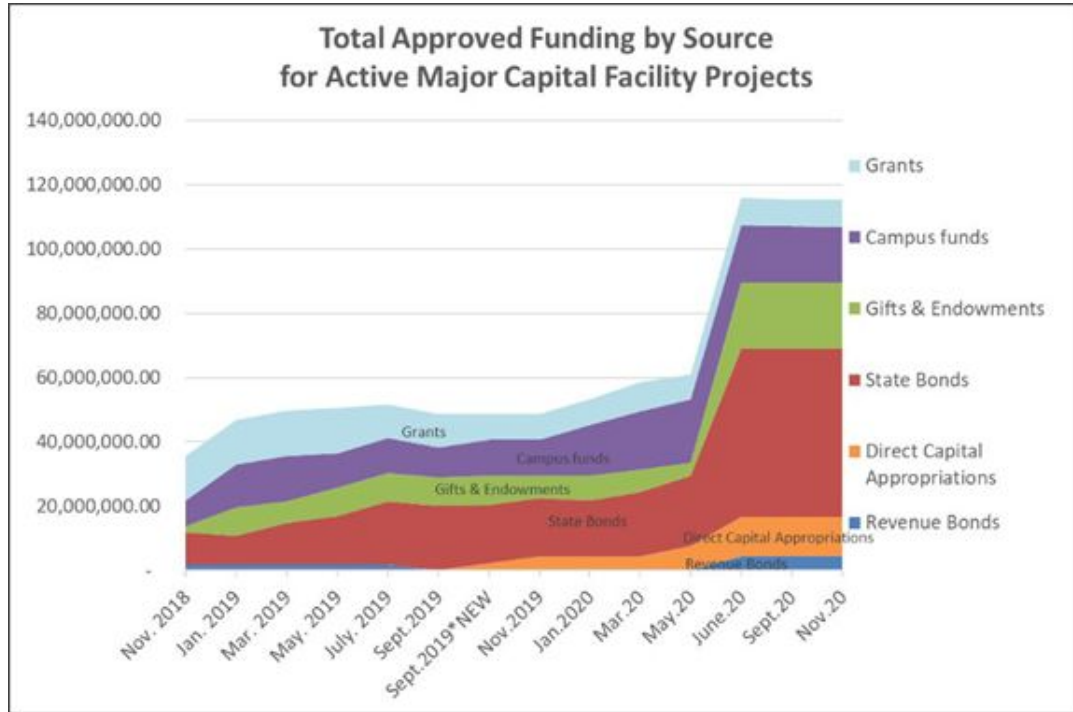
Capital Budget Advisory Committee Update:

The Capital Budget Advisory Committee FY2021 meetings are underway. The committee is undertaking normal business items such as shepherding the capital budget and planning cycle, and the space reduction initiative. The committee has also agreed to take on a review of pandemic related space planning and design impacts.

Update to UM Ferland Engineering Education & Design Center Project:

Construction Continues; Foundation installation for the building is nearing completion with backfill of the foundations following closely behind. The first floor suspended concrete slab above the basement is in place. The installation of the structural steel has started. The sequence of the steel erection is from the south end of the building toward the north. The site steam installation is nearing completion with new lines installed to Little Hall, the Llewellyn Wing of Boardman Hall and the new lines to the EEDC. Consigli Construction Company will continue with the steel erection and metal deck installation through the winter months. Foundation installation and earthwork for the plaza area on the south side of the building will be installed after the New Year.





*Direct Capital Appropriations funds consist of capital appropriations in anticipation of revenue bonding, as well as MEIF funds.

**Please note that the graph reflecting Total Approved Funding by Source for Active Major Capital Facility Projects, two sets of data for the month of September are captured to reflect a change in methodology. The new methodology does not reflect any change in resources but does reflect a refinement in how those resources are categorized. Following months will return to a single set of data for each month.

Capital Project Status Report
Board Approved Projects
January 2021 - Finance, Facilities and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID)	Funding Source(s) & each source's share of expenditures to date	Status	Original Estimated Completion	Current Est. Completion	Original Approved Estimate	Current Approved Estimate	Total Expense to Date	% Expended of Current Approved Estimate	Prior Actions, Information & Notes
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UMA

Augusta Welcome Center (1100077)	2018 State Bond (100%)	Hold	2021	2021	\$6,850,000	\$6,850,000	\$350,388	5%	Board approved \$6.85M in January 2020.
Handley Hall HVAC System Upgrade (1200029)	2018 State Bond (100%)	Design in Progress	2020	2021	\$575,000	\$575,000	\$26,433	5%	Board approved \$575K in September, 2019.

UM

Advanced Structures and Composites Center Expansion/ASCC Equip W2- Thermoplastics Lab/ASCC Equip W2 Tow Carriage (5100316, 5100414, 5100432)	2010 State Bond (49%), Grants (44%), Gifts (6%), Campus E&G Funds (1%)	Project 5100316 is Complete, Project 5100414 Design in Progress, Project 5100432 is Complete	2014	2021	\$6,400,000	\$10,400,000	\$9,517,988	92%	Board approved \$6.4M in November, 2012. Board approved \$1.6M in March 2014. Board approved increase of \$871,000 in March 2015. BOT approved additional \$1.5M in May 2016 for equipment project.
Darling Marine Center Waterfront Infrastructure (5100459, 5100460, 5100461)	Grants (68%), Campus E&G Funds (32%)	Construction in Progress	2017	2021	\$3,000,000	\$5,200,000	\$3,165,576	61%	Board approved \$3M in July, 2017. Board approved increase of \$2.2M in September, 2019.
UM Ferland Engineering, Education and Design Center (5100458, 5100493, 5100546, 5200604)	Gifts (10%), Campus Funds (5%), Campus Reserves (7%), State Appropriations (78%)	Construction in Progress	2024	2024	\$1,000,000	\$72,000,000	\$10,402,509	14%	Board approved \$1M in September, 2017. Board approved additional \$8M in May, 2018. Additional \$63M BOT approved March, 2020 Initial occupancy of this facility is expected in 2022; final completion in 2024.
***Hilltop Commons Servery Updates (5100489)	Campus Auxiliary Operating (35%) Campus Auxiliary Reserves (65%)	Complete	2019	2020	\$925,000	\$925,000	\$708,357	77%	Board approved \$925,000 January, 2019.
ASCC Renovation - Mezzanine Office Expansion (5100525)	Campus E&G Funds (52%) Grants (48%)	Construction in Progress	2020	2021	\$450,000	\$1,400,000	\$212,829	15%	Board approved \$1,400,000 March, 2020
**UM Energy Center Phase II (5100516, 5100517)	Campus Operating (96%) / Campus Reserves 4%)	Pre-Design in Progress	2023	2022	\$5,700,000	\$5,700,000	\$302,567	5%	Board approved \$5.7M March, 2019.
Wells Commons Generator (5100433)	Campus Auxiliary Operating (64%) Campus Auxiliary Reserves (36%)	Substantially Complete	2019	2020	\$525,000	\$525,000	\$322,244	61%	Board approved \$525,000 January, 2018.

Capital Project Status Report
Board Approved Projects
January 2021 - Finance, Facilities and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID)	Funding Source(s) & each source's share of expenditures to date	Status	Original Estimated Completion	Current Est. Completion	Original Approved Estimate	Current Approved Estimate	Total Expense to Date	% Expended of Current Approved Estimate	Prior Actions, Information & Notes
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UMF

Dearborn Gym HW Upgrades (2100087)	2018 State Bond (100%)	Complete	2019	2020	\$600,000	\$850,000	\$801,603	94%	Board approved \$600K in March, 2019. Board approved additional \$250K in May, 2019.
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UMFK

UMFK Enrollment/Advancement Center (3100042)	State Bond (100%)	Construction in Progress	2022	2021	\$3,249,000	\$3,249,000	\$204,962	6%	Board approved \$2.99M in Bond Funding, March, 2020. Plus, \$259K for a total of \$3,249,000.
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USM

Bailey Hall Fire Protection and Electrical Upgrades (6100316, 6100323)	2018 State Bond (48%), Campus E&G (52%)	Project 6100316 is Construction in progress, Project 6100323 is Complete	2019	2021	\$2,580,000	\$4,388,000	\$3,046,555	69%	Board approved \$2.58M in January, 2019.
***Brooks Patio Renovations (6200255)	Campus E&G Funds (100%)	Complete	2020	2020	\$650,000	\$650,000	\$491,362	76%	Board approved \$650,000 in January 2020.
Career and Student Success Center and Portland Residence Hall (6100325, 6100338)	2018 State Bond (42%), Campus E&G (58%)	Design in Progress	2020	2023	\$1,000,000	\$5,700,000	\$3,236,569	57%	Board approved \$1M in January, 2019. Board approved predevelopment expenditures of up to \$5.7M combined for the two projects in January 2020. The total project cost remains under development and subject to change.
USM Center for the Arts (6100300)	Gifts (100%)	Pre-Design in Progress	2022	2023	\$1,000,000	\$1,000,000	\$265,707	27%	Board approved \$1M in January, 2018.
***USM Nursing Simulation Lab (6100327)	2018 State Bond (100%)	Complete	2021	2021	\$1,500,000	\$1,500,000	\$1,139,473	76%	Board approved \$1.5M in January 2020.
Port Parking Garage Study (6100331)	Campus E&G Funds (100%)	Pre-Design in Progress	2022	2022	\$1,200,000	\$1,200,000	\$35,424		Board approved in March 2020. Initial spending limit \$400,000 with addtl \$800,000 to be authorized by the Chancellor and Vice Chancellor for Finance and Administration and Treasurer and contingent upon site location approval from the City of Portland

Capital Project Status Report
Board Approved Projects
January 2021 - Finance, Facilities and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID)	Funding Source(s) & each source's share of expenditures to date	Status	Original Estimated Completion	Current Est. Completion	Original Approved Estimate	Current Approved Estimate	Total Expense to Date	% Expended of Current Approved Estimate	Prior Actions, Information & Notes
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USM

Wishcamper Parking Lot (6100330)	Campus E&G Funds (100%), Capital Reserves (0%)	Hold	2020	2021	\$1,710,000	\$1,710,000	\$268,069	16%	Board approved \$1.71M in January, 2020.
Fitness Equipment Purchase and Space Renovation (0000000)		Hold	2020	2021	\$700,000	\$700,000	\$0	0%	Board Approved March, 2020. No expenditures as of yet.

UMPI

UMPI Solar Array (7100023)	Campus E&G Funds (100%)	Bidding	2020	2021	\$700,000	\$700,000	\$110,417	16%	Board approved \$700K June, 2020.
**Folsom 105 Nursing Renovation (7100026)	Bond (100%)	Substantially Complete	2020	2021	\$800,000	\$800,000	\$644,670	81%	Board approved \$800K March, 2020.

Explanatory Notes: * Project is new as of this report. ** Details of this project include updates since the last report. *** This project has been completed since the last report and is not expected to appear on the next report.	Funding source(s) reflects primary source(s) for project.		Calendar Year unless otherwise noted.						Percentage expended reflects total expended as of November 30, 2020 as a percentage of the current approved project estimate.
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Bond Project Status Report
Active Bond Projects
January 2021 - Finance, Facilities, and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID), Project Manager	Status	Original Estimated Completion	Current Est. Completion	Funding Source(s) & each source's share of expenditures to date	Estimated Bond Funding for Project	Bond Funding Expended	Total Estimated Project Cost	Prior Actions, Information & Notes
UMA								
Augusta Campus Welcome Center (1100077)	Hold	2021	2021	Bond (100%)	\$2,885,000	\$350,388	\$6,850,000	Board approved \$6.85M in January 2020.
Handley Hall A/C Replacement (1200029)	Design in Progress	2020	2021	Bond (100%)	\$450,000	\$26,433	\$575,000	Board approved budget of \$575,000 in September, 2019
Bangor Welcome Ctr Planning (1100534)	Design in Progress	2021	2021	Campus E&G (100%)	\$500,000	\$11,009	\$500,000	Currently \$300k as it remains in design phase
Jewett Hall Boiler Design Work (1200062)	Construction in Progress	2021	2021	Campus E&G (100%)	\$305,000	\$230,747	\$305,000	
Total Bond for Campus					\$4,140,000	\$618,577	\$8,230,000	
UMF								
Dearborn Gym Hot Water Upgrades (2100087)	Complete	2019	2020	Bond (100%)	\$850,000	\$801,603	\$850,000	Board approved \$600K in March, 2019. Board approved additional \$250K in May, 2019.
274 Front St Acquisition (2100089)	Complete	2019	2019	Bond (100%)	\$855,000	\$850,820	\$855,000	Board approved \$855K in January, 2019.
Scott Hall Renovations (2100092)	Construction in Progress	2019	2021	Bond (100%)	\$200,000	\$178,690	\$200,000	
Dakin Hall Shower Renovations (2100093)	Construction in Progress	2019	2021	Bond (100%)	\$200,000	\$88,332	\$200,000	
Lockwood Hall Shower Renovations (2100094)	Construction in Progress	2019	2021	Bond (100%)	\$200,000	\$84,199	\$200,000	
Stone Hall Shower Renovations (2100095)	Construction in Progress	2019	2021	Bond (100%)	\$200,000	\$29,074	\$200,000	
UMF Campus Paving (2100097)	Complete	2019	2019	Bond (100%)	\$97,338	\$97,338	\$97,338	
274 Front St Renovation (2100096)	Pre-Design in Progress	2020	2022	Bond (64%) (Campus E&G Funds (36%))	\$450,000	\$18,744	\$1,000,000	Approved budget of \$450,000, as it remains in study/design phase.
FRC Floor Renovation (2100098)	Complete	2019	2019	Bond (100%)	\$200,729	\$209,503	\$200,729	
Exterior Painting Merrill Hall (2200096)	Pre-Design in Progress	2020	2021	Bond (0%)	\$40,000	\$764	\$40,000	
Olsen Center Renovations (2100102)	Pre-Design in Progress	2023	2023	Bond (100%)	\$1,900,000	\$8,630	\$1,900,000	Approved budget of \$300,000, as it remains in study/design phase.
Mantor Library Renovations (2100103)	Construction in Progress	2021	2021	Bond (100%)	\$300,000	\$189,903	\$300,000	
Campus ADA Ramps (2100104)	Construction in Progress	2021	2021	Bond (100%)	\$100,000	\$10,194	\$100,000	

Bond Project Status Report
Active Bond Projects
January 2021 - Finance, Facilities, and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID), Project Manager	Status	Original Estimated Completion	Current Est. Completion	Funding Source(s) & each source's share of expenditures to date	Estimated Bond Funding for Project	Bond Funding Expended	Total Estimated Project Cost	Prior Actions, Information & Notes
UMF								
Dakin Flooring, Ceiling, Light (2100105)	Construction in Progress	2021	2021	Bond (100%)	\$250,000	\$206,187	\$250,000	
UMF Campus Alterations (2200101)	Design in Progress	2021	2021	Campus E&G (100%)	\$150,000	\$26,724	\$150,000	
Total Bond for Campus					\$5,993,067	\$2,800,705	\$6,543,067	
UM								
Neville Hall Renovation (5100534)	Design in Progress	2021	2022	Bond (100%), Campus E&G (0%)	\$300,000	\$53,204	\$1,500,000	Approved budget of \$300,000 as it remains in study/design phase.
Total Bond for Campus					\$300,000	\$53,204	\$1,500,000	
UMFK								
UMFK Enrollment/Advancement Center (3100042)	Construction in Progress	2022	2021	Bond (100%)	\$3,249,000	\$150,000	\$3,249,000	Board approved \$2.99M in Bond Funding, March, 2020. Plus, \$259K for a total of \$3,249,000.
Total Bond for Campus					\$3,249,000	\$150,000	\$3,249,000	
UMM								
UMM Science Building Roof Replacement (4100042)	Complete	2020	2020	Bond (100%)	\$325,000	\$280,487	\$325,000	
UMM Dorward Hall Roof Replacement (4100043)	Complete	2020	2020	Bond (100%)	\$300,000	\$296,092	\$300,000	
UMM Sennett Roof Replacement (4100044)	Complete	2020	2020	Bond (100%)	\$150,000	\$150,000	\$150,000	
UMM Reynolds Center Roof Repair (4200044)	Complete	2020	2020	Bond (100%)	\$164,000	\$154,226	\$164,000	
UMM Site Work (4200045)	Complete	2020	2020	Bond (100%)	\$60,000	\$57,365	\$60,000	
Total Bond for Campus					\$999,000	\$938,170	\$999,000	
USM								
Woodward Hall Renovations (6100301)	Complete	2019	2019	Bond (86%), Campus E&G Funds (14%)	\$1,500,000	\$1,172,840	\$1,172,840	Board approved \$1.8M in January, 2019. Remaining Bond Funding to be moved to a new project.
Ricci Lecture Hall Renovations (6100308)	Complete	2019	2020	Bond (31%), Gifts (43%), Campus E&G Funds (26%)	\$150,000	\$172,010	\$564,197	Board approved \$500,000 in January, 2019. Board approved additional \$180K in May, 2019.

Bond Project Status Report
Active Bond Projects
January 2021 - Finance, Facilities, and Technology Committee
With Grand Totals and % of Current Approved Estimates

Campus, Project Name (Project ID), Project Manager	Status	Original Estimated Completion	Current Est. Completion	Funding Source(s) & each source's share of expenditures to date	Estimated Bond Funding for Project	Bond Funding Expended	Total Estimated Project Cost	Prior Actions, Information & Notes
USM								
Career and Student Success Center (6100325)	Design in Progress	2021	2023	Bond (100%)	\$19,000,000	\$1,360,636	\$19,000,000	Board approved \$1M in January, 2019. Board approved predevelopment expenditures of up to \$5.7M combined with the residence hall project in January 2020. The total project cost remains under development and subject to change.
Bailey Hall Fire Protection and Electrical Upgrades (6100316, 6100323)	Project 6100316 Construction in Progress, Project 6100323 is Complete	2019	2021	Bond (48%), Campus E&G Funds (52%)	\$1,460,000	\$1,456,999	\$4,388,000	Board approved \$2.58M in January, 2019. Board approved additional \$1.808M in January, 2020.
Nursing Simulation Lab Science (6100327)	Complete	2021	2021	Bond (100%)	\$1,500,000	\$1,139,473	\$1,500,000	Board approved \$1.5M in January, 2020.
**Robie Andrews Renovation (6100339)	Design in Progress	2021	2021	Bond (0%)	\$491,605	\$0	\$491,605	
Total Bond for Campus					\$24,101,605	\$5,301,959	\$27,116,642	
UMPI								
Wieden Renovation Bond (7100025)	Design in Progress	2020	2021	Bond (100%)	\$125,000	\$65,717	\$4,000,000	Approved budget of \$125,000, as it remains in study/design phase.
**Folsom 105 Nursing Renovation (7100026)	Substantially Complete	2020	2021	Bond (100%)	\$800,000	\$644,670	\$800,000	Board approved \$800K March, 2020.
Total Bond for Campus					\$925,000	\$710,387	\$4,800,000	
Totals:					\$39,707,672	\$10,573,001	\$52,437,709	
Explanatory Notes: * Project is new as of this report. ** Details of this project include updates since the last report. Completed projects will remain on this report unless otherwise specified.	Funding source(s) reflects primary source(s) for project.	Calendar Year unless otherwise noted.						Bond Funding expended reflects total expended as of November 30, 2020.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Green Engineering and Materials (GEM) “Factory of the Future”

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY: 701 – Budgets-Capital & Operating

UNIFIED ACCREDITATION CONNECTION:

GEM is a world-class research and educational facility that will provide access to academic programs across the UMaine System through immersive research learning experiences and leverage unique regional assets of UMS campuses to enable richer educational programs and workforce training opportunities.

GEM Triggers the Harold Alfond *UMS Transforms* Strategy, helping to establish UMaine as a National Leader at the Intersection of Engineering and Computing. The Advanced Structures & Composites Center (ASCC) proposes to develop the 90,740 ft² GEM addition that will provide outstanding educational and economic opportunities in Maine by ushering in the next generation of large-scale bio-based additive manufacturing (aka 3D printing). The Green Engineering and Materials Laboratory (GEM) is a timely national asset that will house the *Factory of the Future*, to design, manufacture and test new products constructed from wood-derived nanocellulose and other advanced materials, collaborate with industry, and train the next generation manufacturing workforce including undergraduates, graduate students and working professionals. The *Factory of the Future* consists of highly instrumented arrays of AI-enabled 3D printers, high-performance computers, continuous fiber deposition heads, and machining systems and will enable research and development of novel bio-based feedstock materials as well as next generation digital manufacturing processes. This facility represents a fulfillment of shared vision for Maine and the University of Maine, as expressed in the UMS Board of Trustees Declaration of Strategic Priorities, Maine’s Economic Recovery Committee Recommendations, Maine 10-year Economic Development Strategy, Harold Alfond UMS Transforms strategy aimed at re-imagining the future of Maine through innovation-led economic development. These plans have started to coalesce around bio-based materials and climate-friendly technologies, sectors where Maine has competitive strengths, for the focus of future investment. GEM seizes these opportunities to provide world-class research and educational programs for UMS while serving as a multiplier for regional economic development and business formation.



GEM – Demonstrating National Leadership while Serving Local Needs

BACKGROUND

The ASCC has seen a 6 times growth in funded research (Figure 1) over the last 5 years and is poised to execute on \$260 million in total R&D over the next 5 years. This portfolio offers an unparalleled opportunity to (1) provide world-class educational and workforce training opportunities for the UMS; (2) lead economic recovery efforts through direct hiring and incubating additional business spin-offs and industry partnerships in bio-based materials development and applications; (3) meet critical State needs in housing, energy and transportation through continued product innovation and testing; (4) create an R&D Gateway to UMaine and help establish UMaine as a top research university with Carnegie R1 classification; (5) create a demonstration building for cross laminated timber (CLT), an important step in efforts to attract a manufacturer to Maine to support Maine's forest products industry. The GEM mission represents a convergence of shared interests and priorities for UMaine, UMS, State of Maine and incoming Biden

Administration by spurring innovation led economic development, fostering learner success and workforce readiness, and by developing sustainable material technologies. GEM will include four primary areas:

1. The Factory of the Future (Figure 2) consists of highly instrumented arrays of HPC and AI-enabled 3D printers, continuous fiber deposition heads, and machining systems and will enable research and development of novel bio-based feedstock materials as well as next generation digital manufacturing processes.
2. A R&D Gateway including a Learning Center highlighting innovative UMaine R&D projects.
3. A 300-person 360 Virtual/Augmented Reality Conference/Learning Center.
4. 12,000 additional ft² of classroom space plus 39 new offices for students, staff, faculty and industry partners. This will increase ASCC office square footage from 7,700 to 24,000, including 75 desks for undergraduate and graduate student researchers.

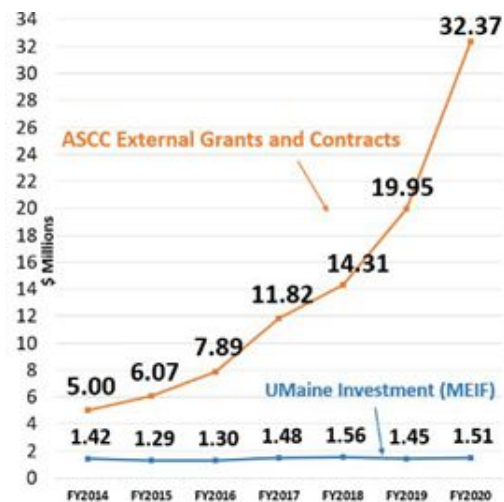


Figure 1- Growth of ASCC Grants and Contracts

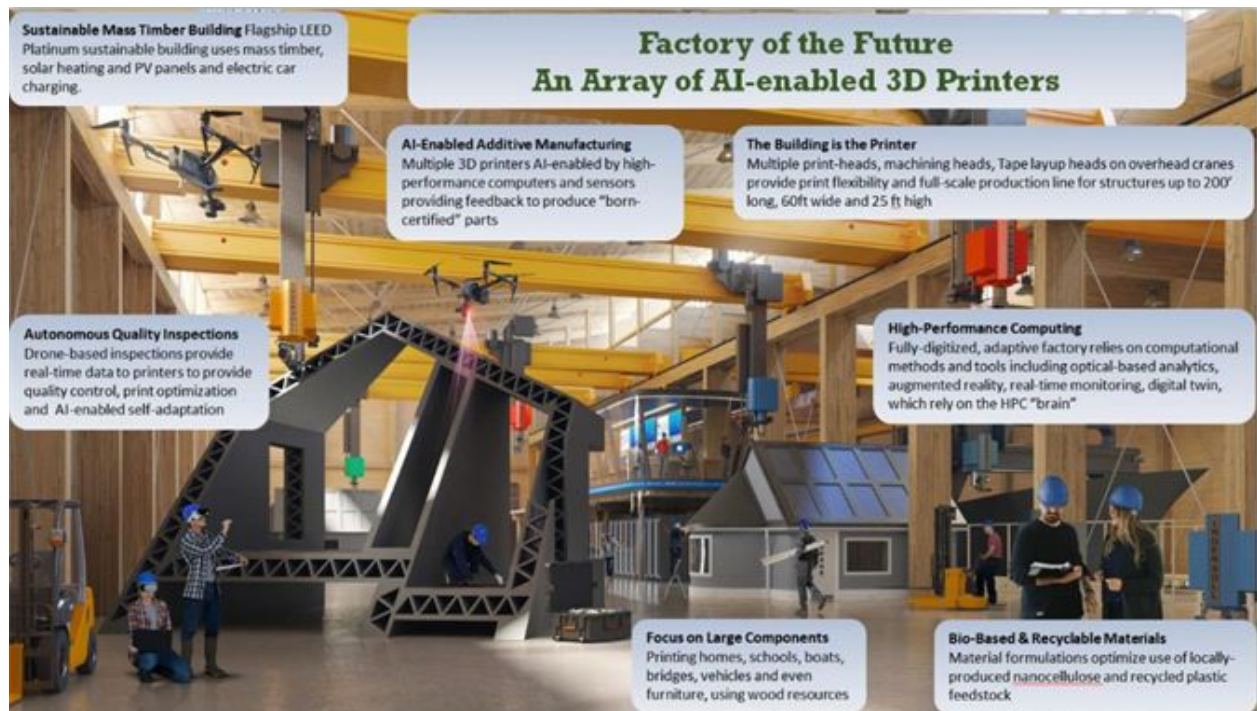


Figure 2 - GEM Factory of the Future

The GEM Addition "Factory of the Future" concept is unlike any facility in existence today. The World's Largest Polymer 3D Printer we installed in 2019 has garnered strong international interest, and there is a significant backlog of projects requiring its use. GEM will significantly expand our printing capacity to the length of the facility (250ft), enabling multiple projects to print in parallel. Furthermore, the ASCC has significantly exceeded our personnel capacity. A recent project converting a storage mezzanine to office space for 30 provided short-term relief but is insufficient to support current and future staffing needs. We have asked FM to investigate options for short-term space near the ASCC complex to enable some staff to have dedicated offices/workstations, but none was available. Many of our most acute staffing needs are on projects which require direct lab access, either for equipment usage or to access to our secure enclave due to the controlled nature of Defense projects. Therefore, it is critical that we have space adjacent to our lab facilities and connected to our secure enclave. Our office space deficit is projected to grow to 9,300+ ft² by 2023 based on hiring needs.

A \$100,000 Mass Timber research grant, established with support from Sen. King, was used to complete conceptual architectural drawings, engineering and costing for this project. A separate report details this effort. Facilities Management has been supporting this effort from conception, including site selection, wetland mitigation and costing. Table 1 provides facility and equipment cost estimates and Table 2 provides a list of potential funding sources. The GEM facility has a prime opportunity to build on new funding priorities by the incoming Biden Administration due to the catalytic ability of the facility to meet targets in Biden's \$2T Climate Plan, and we have an opportunity to leverage our existing relationships with federal sponsors to achieve these goals. Furthermore, the value of new federal awards captured in FY21 that link high-performance computing to engineering provide an opportunity to match funds to any Alford Gift funds allocated to the GEM facility.

Component	Estimate
Facility Construction Estimate (Consigli Construction, Scott Simons Architects, Thornton Tomasetti, Becker Structural Engineers, SmartLam, UMaine Facilities)	\$55,578,660
Equipment Estimates	\$15,490,000
Total	\$71,068,660

Table 2 – Facility & Equipment Cost Estimates

<u>Financing Opportunities</u> <u>Construction & Equipment</u>	<u>Grant Opportunities</u> <u>Equipment</u>
Economic Recovery Committee Recommendation to invest \$100M/yr in research centers, bio-products and offshore wind	Northern Border Regional Commission
Maine Won't Wait: 4 Year Climate Plan Strategy D: Grow Maine's Clean Energy Economy	EDA Public Works and Economic Adjustment Program
Alford Foundation Investment	National Science Foundation
Finance Authority of Maine	Department of Defense
Maine Technology Institute (MTAF)	Department of Energy

Table 3 - Potential Funding Sources

While we are not seeking BOT spending authorization at this time, the University intends to pursue opportunities from the above-mentioned funding sources immediately. There are near-term deadlines and funding priorities which require actionable progress within the next 30-60 days to ensure we can realize the GEM vision.



GEM



Green Engineering & Materials Laboratory

Factory of the Future

Industry 4.0

The Advanced Structures and Composites Center proposes to develop a 90,740 ft² facility attached to our current laboratory that will usher in a new era of AI-enabled large-scale bio-based additive manufacturing. The **GEM** Laboratory will house the **Factory of the Future** where AI-enabled arrays of printers and sensors will manufacture and test new products from wood-derived cellulose and other advanced bio-based materials, collaborate with industry, and train the next generation manufacturing workforce, including undergraduates, graduate students and working professionals.



Innovation-Led Economic Recovery

- The *Factory of the Future* will drive new business growth in Maine's affordable housing, clean energy, construction, transportation, boatbuilding, furniture, and more, estimated \$90B+ economic output by 2040
- Enable ASCC to execute on \$260 million in R&D projects secured through federal sources and industry and activate \$90B+ industry sectors by 2040



Transform Education through Immersive Learning

- Integrate research and scholarship into instruction and service, positioning UMaine as the premier destination for high-caliber researchers in key GEM research fields
- R&D Gateway for UMaine
- 300-person R&D Conference Center with 360-degrees floor-to-ceiling projection.

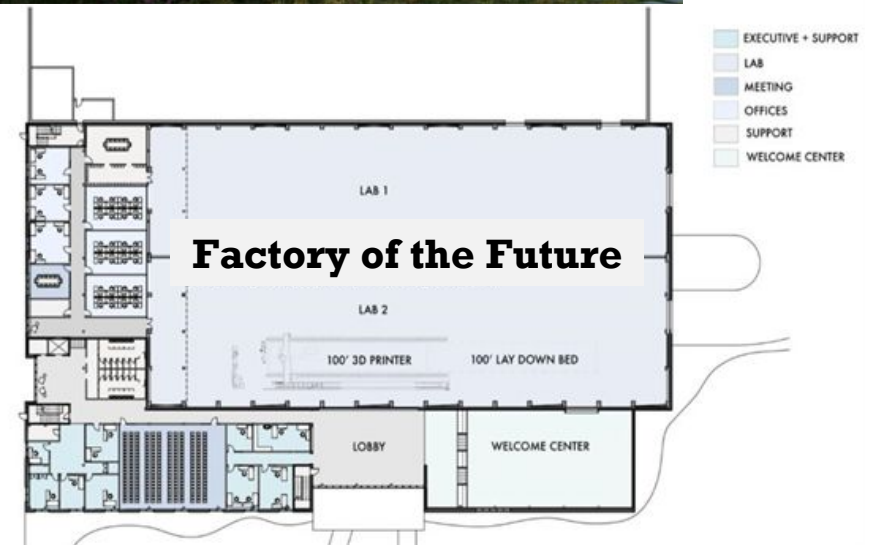


Establish University of Maine as a Top-Tier Institution at the intersection of Computing and Engineering

- Secure Maine's research leadership role in large-scale bio-based additive manufacturing, while addressing critical state needs including housing, energy and transportation
- Help UMaine achieve R1 Research Classification.
- Create an immersive learning environment that houses over 300 research personnel and provides unparalleled educational experiences

GEM

Green Engineering & Materials Lab



Sustainable Mass Timber Building Flagship LEED Platinum sustainable building uses mass timber, solar heating and PV panels and electric car charging.

Factory of the Future An Array of AI-enabled 3D Printers

AI-Enabled Additive Manufacturing
Multiple 3D printers AI-enabled by high-performance computers and sensors providing feedback to produce "born-certified" parts

The Building is the Printer
Multiple print-heads, machining heads, Tape layup heads on overhead cranes provide print flexibility and full-scale production line for structures up to 200' long, 60ft wide and 25 ft high

Autonomous Quality Inspections
Drone-based inspections provide real-time data to printers to provide quality control, print optimization and AI-enabled self-adaptation

High-Performance Computing
Fully-digitized, adaptive factory relies on computational methods and tools including optical-based analytics, augmented reality, real-time monitoring, digital twin, which rely on the HPC "brain"

Focus on Large Components
Printing homes, schools, boats, bridges, vehicles and even furniture, using wood resources

Bio-Based & Recyclable Materials
Material formulations optimize use of locally-produced nanocellulose and recycled plastic feedstock

GEM R&D Gateway

Catalyzes innovation-led economic development in Maine's fastest-growing industries



Activate new markets for Maine's Forest Products Industry

\$12B/yr by 2025 annual economic impact¹



Modernize Maine's Infrastructure

\$4.5 B by 2021-2030 annual capital investment²

¹Forest Opportunities Roadmap, 2018

²UMass Amherst

³Maine Housing Authority

⁴Wood Mackenzie, 2020

⁵Maine Offshore Wind Report



GEM R&D Gateway

Immediate local economic impacts

\$88M Economic Output

\$21M Labor Income

424 Jobs

Talent, Training



Meet Maine's demand for 20,000 Affordable Housing units

\$3.8B by 2040 total capital investment³

Access clean, local power from floating offshore wind

\$23B by 2035 total capital investment⁴

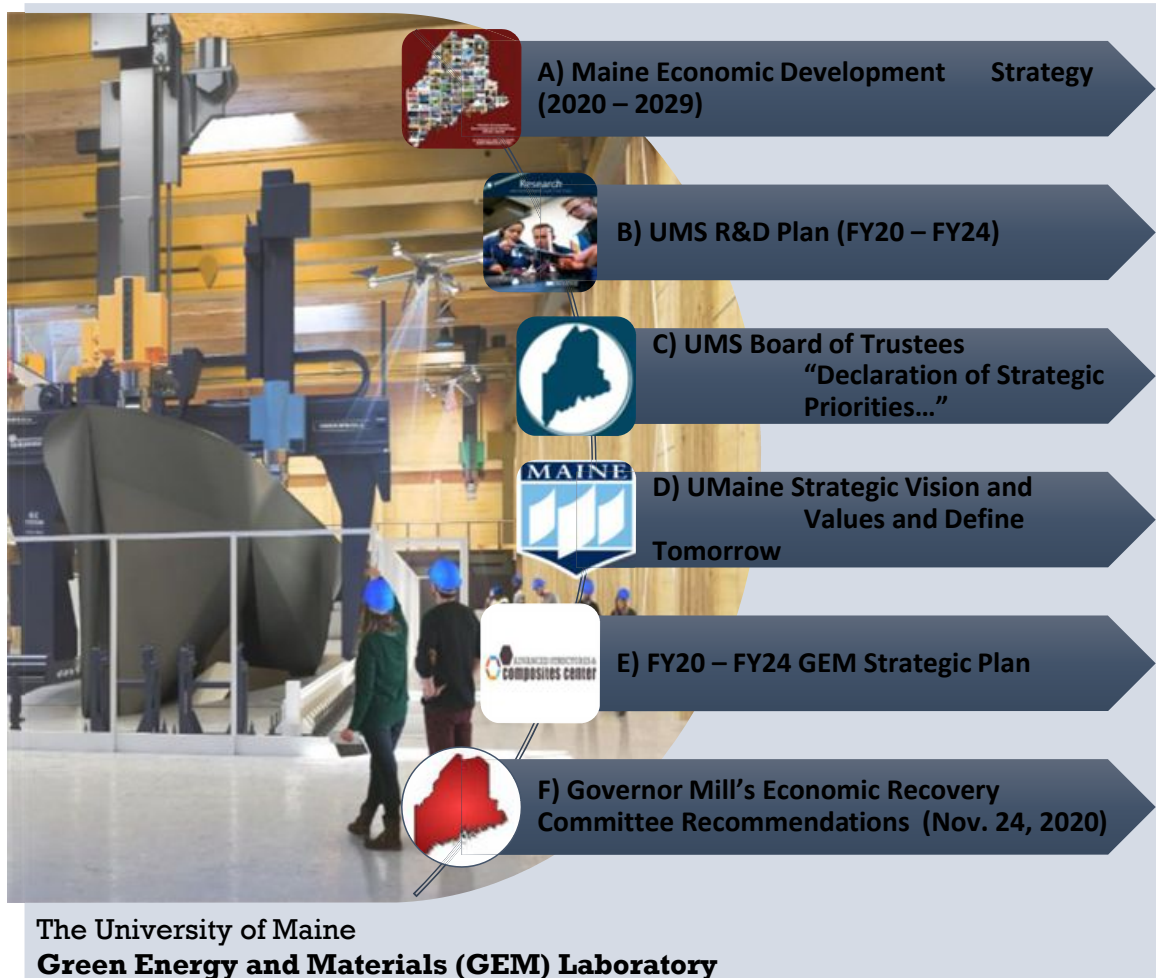


\$5B/year Mainer's energy bills redirected back to state's economy due to clean, locally-produced power and electrification of heating and transportation⁵

Strategic Plan Alignment

GEM is a convergence of shared interests and priorities for the State of Maine and UMaine

1. Fostering Learner Success^D 2. Discovering and Innovating^D 3. Growing Partnerships^D



Meeting shared goals within each plan:

Innovation-led Economic Development

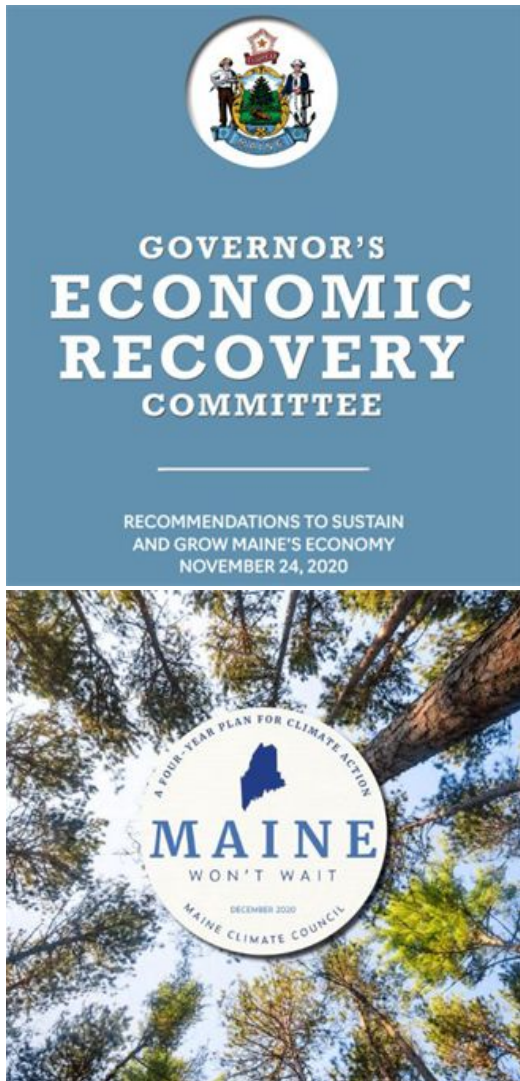
1. Establish an innovation-driven Maine economy for the 21st century ^{A,B,C,D,F}
2. Increase value of what we sell per worker by 10%, increase workforce by 75,000, increase per capita wages by 10%^A
3. Make Maine the best state in the nation in which to live, work, and learn by 2030 ^B

Workforce Readiness & Competitiveness

1. Prepare the knowledge and Innovation Workforce for Maine ^{B,C,D}. Advancing Workforce Readiness and Economic Development ^{B,C,F}
2. Align Academic Programs and Innovation to Drive Student Success and Employer Responsiveness ^{C,D}
3. Maintaining Competitiveness and Sustainability to Meet Critical State Needs ^{A,B,C,D,E,F}

Emphasis on bio-based, renewable, sustainability solutions

1. Enable Governor's Climate and Clean Energy Goals ^{A,B,E,F}
2. Lead in developing bio-based and recyclable materials ^{A,B,E,F}
3. Lead in developing sustainable, more durable infrastructure ^{B,E}



Invest \$100 million annually in commercially-promising research and development

Sectors ERC highlighted for \$100M annual investment



Bio-based Products



Offshore Wind



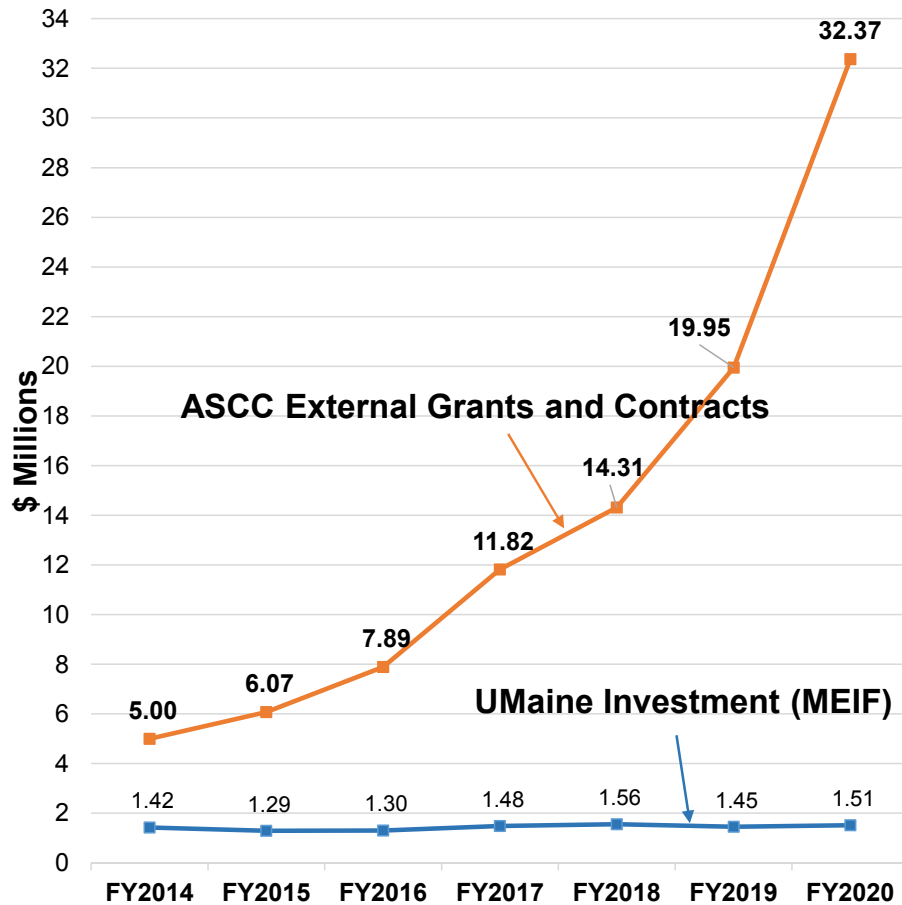
*"Maine must make robust annual investments in commercially viable research, **Maine's research centers**, and in programs that create incentives for private sector innovation, targeting Maine's natural resource-based and next-generation technology sectors."*

UMaine
Won't Wait

A.
Transportation
C, D. Clean
energy

B. Buildings
F. Resilient
Communities

Center Growth Challenges & Challenges



Personnel Growth Plans						
Number of Personnel	2018	2019	2020	2021	2022	2023
Senior Faculty/Staff	10	12	14	16	17	18
Staff/Faculty/Post-Docs	51	56	63	69	77	84
Total students	137	151	169	188	206	225
% Undergrad students with desks	28%	40%	50%	60%	70%	75%
Total Personnel	198	219	246	273	300	327
Total office space required (ft2)	7,535	9,138	11,510	13,414	15,360	17,020
Space deficit/required office-space (ft2)	163	(1,440)	(3,812)	(5,716)	(7,662)	(9,322)

\$260M research projects, including future options and private investment

Sponsor	Contract Value	Sponsor	Contract Value
U.S. Department of Energy	\$45,610,167	Advanced Research Projects Agency	\$2,675,417
U.S Department of Defense	\$40,753,921	Maine Technology Institute	\$1,397,361
Oak Ridge National Laboratory	\$30,000,000	U.S. Department of Agriculture	\$571,661
U.S. Army Corps of Engineers	\$21,368,000	NASA	\$144,369
U.S. Department of Transportation	\$12,929,600	Private	\$104,589,254

Potential Funding Scenario

Federal matching funds available now to match HAF UMS Transforms vision



State Investment

Supports state goals in 10 Year Economic Development Strategy and follows recommendation from Economic Recovery Committee to invest in research centers



Item	Cost
Construction Estimate	\$55,578,660
Equipment	\$15,490,000
Total	\$71,068,660

Construction estimate provided by: Consigli Construction, Scott Simons Architects, Thornton Tomasetti, Becker Structural Engineers, SmartLam, UMaine Facilities

Foundation Funding

Investments focused on linking computing with engineering, transformative educational experiences and workforce development



\$30M Federal Research Funds Match Alfond

Provides immediate ROI for Alfond investment while offering research, immersive learning and workforce development opportunities

\$15.5M High Feed-Rate Additive Manufacturing with Cellulose – develop innovative, low energy processes to produce nanocellulose reinforced composites by utilizing the second fastest High-Performance Computer (HPC) in the world at ORNL to perform materials simulation and process design.

\$12.5M Accelerating Rapid Prototyping (ARP) – Links High-Performance Computing with 3D printing capabilities for rapid prototyping for defense technologies

\$2.4M 3D Printed USV – develops computational design tools and software to increase trust in printed structures by better understanding ‘as-designed’ versus ‘as-printed’ manufacturing

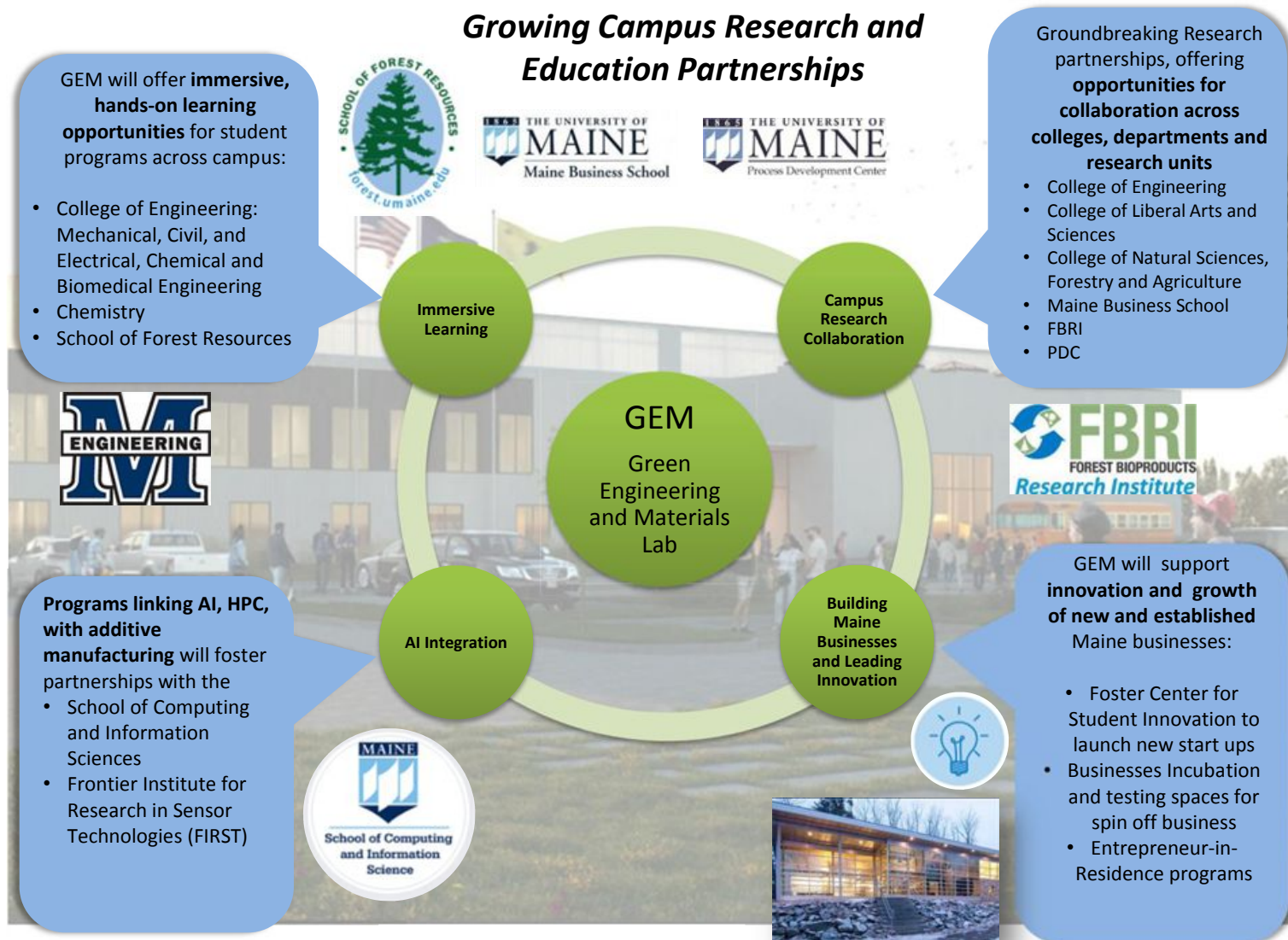


HPC + AI + AM



“Factory of the Future” positions UMaine to secure significant additional federal funding over the next decade and help it emerge as an R1 University





Why GEM Now?

1. **GEM is needed for ASCC to execute on \$260M in R&D Projects** – The ASCC has simply run out of space to support our active research portfolio, with additional offices and lab space required to safely and effectively execute on our current projects and leverage additional federal research funds
1. **GEM provides innovation-led economic recovery at a critical time** - Drive new business for Maine wood products and bio-based advanced materials including 3D printed housing, transportation, boatbuilding, renewable energy, composites, and attract advanced materials companies by providing equipment, facility space and engineering support for technology development and workforce training.
1. **GEM will help UMaine to emerge as a Premiere Research Institution** Secure Maine's leadership role in bio-derived, renewable and recyclable materials and applications, offering students and faculty to integrate research and scholarship with instruction and service
1. **GEM converges shared interests and visions between UMaine and State of Maine** – Leadership for UMaine and Maine have agreed that a focus on industries in the future and workforce development within those industries is a strategic goal for Maine.
1. **GEM leverages Alford's generosity to meet the intended goals with real projects** – Research conducted in GEM will enable linkage of advanced computing and information sciences with engineering and manufacturing, a central goal of the Alford investment. As such, existing federal contract funds can be leveraged as matching dollars.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Update – Dickey Wood Dormitory, USM Gorham

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

N/A

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

In November of 2016 and as a part of USM's short term housing plan USM identified Dickey-Wood as a candidate building to be removed in order to offset the increase in square footage which would result from the eventual construction of new student housing on the Portland campus. With the imminent commencement of construction of Portland Commons, the new residential housing on the Portland campus, the University would like to revisit this proposal. Current operating costs to keep the Dickey Wood facility standing amount to approximately \$20,000 per year.

A recent hazardous material assessment was conducted by Woodard & Curran and the current cost estimate to complete hazardous materials remediation prior to demolishing the building is approximately \$3,000,000. Demolition costs including the remediation are expected to be upwards of \$5,000,000.

Incurring this large of an expense during these times of financial hardship would not be in the best interest of the University.

Given the current financial impacts due to the pandemic and upon further reflection, the University suggests the following:

- 1) The University would like to defer the timing of demolition of the structures. The costs outlined above reflect the minimal costs to keep the building standing and the high cost of removing the structures.
- 2) The University would like to complete a study to assess the feasibility and costs associated with re-use of the buildings. In the coming year the University will continue to explore demolition or re-use options for the buildings. Given current market conditions straining costs of new construction paired with the costly expense of removal the University wants to ensure that it is not missing an opportunity for reuse of the existing structures.
- 3) The University will update the trustees of their findings within the next 12 months to 24 months and prior to occupying the new Portland Commons residence hall in 2023.

12/23/2020

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: FY2020 Sole Source Procurement & Contributions Report

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

Section 700 Financial Affairs

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

While competitive procurement is the University of Maine System standard, as provided in State law and corresponding System policy, there are legitimate reasons for waiving competitive procurement in some circumstances. Pursuant to State law, UMS and all other quasi-independent state entities must report annually by February 1 to the Maine Legislature on any procurements exceeding \$10,000 for which the competitive process was waived, as well as all contributions greater than \$1,000. As part of a continued commitment to public accountability, in 2019, the System improved the process by which it compiles this report to include a brief description of each purchase and review by UMS Trustees before submission to the Legislature.

In total, the value of UMS procurements in FY20 for which the competitive process was waived was \$29.8 million, less than one-fifth of the System's total spending on goods and services. More than \$14 million of these procurements were because a vendor was specifically named in a grant award, typically from the federal government.

The meeting agenda does not include a presentation of this report; however, Chip Gavin and Kevin Carr will be available to address any questions the Committee members may have regarding the report's contents.

12/22/2020



SOLE SOURCE PROCUREMENT & CONTRIBUTIONS REPORT

FEBRUARY 1, 2021

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FY20 Contributions Greater Than \$1,000 43

**This report is submitted pursuant to 5 M.R.S.A., Section 12023 and reflects the period July 1, 2019 to June 30, 2020 (FY20). Please direct questions including requests for additional information to Samantha Warren, University of Maine System Director of Government and Community Relations, at samantha.warren@maine.edu.*

UMS STRATEGIC PROCUREMENT

The University of Maine System (UMS) has an estimated \$1.5 billion annual total statewide economic impact, a \$7.50 return for every dollar of State appropriation. Beyond supporting nearly 20,000 campus and community jobs and our students and visitors spending at least an estimated \$144 million locally, UMS contributes to the Maine economy by directly purchasing tens of millions of dollars in goods and services each year from businesses based in Maine or that employ Mainers.

As it conducts business, UMS is committed to a competitive procurement process to ensure the greatest value for tuition and taxpayers as well as transparency and fairness for providers of goods and services. While competitive procurement is the standard, there are legitimate reasons allowed by State law and corresponding UMS policy for waiving this competitive process in unique, well-defined and documented circumstances. A waiver from the competitive bid process can never be justified based on price, preference or urgency created by inadequate planning on the part of the requestor, per a System policy adopted by the Board of Trustees in 2012.

FY20 was the first year since FY17 where the total value of UMS procurements exceeding \$10,000 for which the competitive process was waived actually increased from the reporting period prior. This is largely attributable to an increase in grant-funded activity and emergency waivers necessitated by a major flood at the University of Southern Maine and a fire at the University of Maine. In both cases, purchases listed in this report that are associated with these events were reimbursed by insurance. Finally, the leadership of UMS in addressing campus, community and state needs that emerged due to the COVID-19 pandemic is well-known. As our universities responded rapidly including to produce needed hand sanitizer for health care organizations and chemicals so that the Maine National Guard could fit-test the N95 masks being worn by frontline workers, we were forced to make some purchases for which the competitive bid process was simply not practicable during the state of emergency, like for ethanol from Maine brewers and distillers (see page 33).

In total, the total value of UMS procurements in FY20 for which the competitive process was waived was \$29.8 million, less than one-fifth of the System's total spending on goods and services. More than \$14 million of this is because a vendor was specifically named in a grant award, typically from the federal government. In these cases, the System or one of its universities essentially acts as a pass-through. For example, the Readfield, Maine based Syntiro received more than \$2 million (see page 28) as it, along with several K-12 public school districts also listed in this report, were specifically identified as sub-recipients in a federal Department of Education GEAR-UP grant for which the University of Maine at Farmington is the fiscal agent. Funding serves more than 60 Maine middle and high schools and supports thousands of low-income students prepare for and be successful in their postsecondary education.

Despite the aforementioned public health and disaster emergencies, still less than one-third (\$8.2 million) of the total FY20 waiver value reflects true sole source purchases and it is important to note that many of those purchases were funded by outside grants, as opposed to State appropriation. As a world-class research institution, the University of Maine in particular has unique procurement needs, including for specialized equipment or services that may only be available from one vendor. For example, UMaine researchers need to regularly replace fish monitoring tags and only one vendor can provide new tags and data receivers that are compatible with the existing units.

Since procurement has become a consolidated function housed within the System rather than independently handled at each university, UMS has saved tuition and taxpayers millions of dollars, increased the collective impact of our in-state spending and strengthened transparency. As part of a continued commitment to public accountability, in 2019, UMS updated the process by which it compiles this report to include a brief description of sole source, emergency and named-in-grant procurements as well as all contributions above \$1,000. Our internal process additionally now includes a review of this report by UMS Trustees before submission to the Legislature.

The FY20 procurements exceeding \$10,000 for which the competitive process was waived are listed in this report in the following categories below.

- Sole Source Purchases
- Goods and/or Services Specifically Named In Grant Awards
- Emergency Purchases
- Library Books or Periodicals

Additionally, as required by 5 M.R.S.A., Section 12023, this report includes a list of all FY20 contributions greater than \$1,000 made by the System or its seven universities. In most cases, the contributions were membership dues for accreditation or affiliate associations like the New England Association of Schools & Colleges, civic organizations and athletic conferences.

FY20 WAIVERED PROCUREMENTS OVER \$10,000

SOLE SOURCE PURCHASES

Sole source purchases are made when goods or services, because of unique characteristics or other reasons, are available from only one source. In cases where an alternate supplier for a similar product or service cannot be identified, the requestor must document that a good faith effort has been made in seeking other sources. A listing of the unique technical specifications required of the product and the companies that were contacted in the search for alternate sources is necessary. Sole source justification cannot be based on quality, price, mere preference or urgency created by inadequate planning or untimely action by the requestor, such as the imminent expiration of a contract that could have been foreseen.

Supplier Name	Amount	Campus	Summary Notes
EAB	\$2,438,829	UMS	Annual membership, paid over five years covering all UMS universities, in the Student Success Collaborative to the Education Advisory Board which provides student success software tools and comparative peer benchmarking data that is proprietary to the members of the Collaborative. Ultimate goal is increased student success, retention and degree completion.

Supplier Name	Amount	Campus	Summary Notes
EAB	\$452,009	UM	Purchase of additional enrollment/recruitment resources as part of the Student Success Collaborative for UM. The Collaborative provides student success software tools and comparative peer benchmarking data that is proprietary to the members of the Collaborative - this is an extension of that service targeted directly at recruitment. Ultimate goal is increased student success, retention and degree completion.
TRANE	\$310,745	UMF	Trane is the platform utilized at UMF's Central Heating Plant. Trane equipment is being replaced with like and kind Trane equipment.
HONEYWELL INTRNTL INC	\$261,575	UM	Grant-funded upgrade of proprietary Process Control System for UM biomass pilot plant. The research supported by the pilot plant is focused on creating fossil fuel alternatives with wood biomass.
SKY SKAN INC	\$218,824	UM	Upgrade of proprietary integrated digital planetarium projection platform. This purchase allows for upgrades of internal digital systems including additional technical capabilities and content to expand the programs delivered by the Planetarium at UM.
PATTERSON DENTAL SUPPLY INC	\$178,357	UMA	Dental clinic equipment for UMA's new Lewiston location to be consistent with equipment and software at the dental program's main campus in Bangor, which was competitively bid.
INSTRON A DIV OF IL TOOL WORKS INC	\$165,570	UM	Grant-funded controller upgrade of custom designed proprietary Tension Torsion Frame device utilized as part of several projects and initiatives at the Advanced Structures and Composites Center at UM. Upgraded controller will allow for better data connectivity to computing devices and allow the center to support revenue-generating ASTM testing.

Supplier Name	Amount	Campus	Summary Notes
ANATOMAGE INC	\$156,500	UMPI	Partially grant-funded purchase of virtual anatomy tables for the nursing programs and general sciences at UMPI and UMFH. Tables provide technologically advanced virtual cadavers as a teaching and learning tool. Of the only two available suppliers of this emerging technology, this supplier's product is specifically designed and focused on academic environments, the other being focused on practicing surgeons. Investing in this technology provides an enhanced experience for Maine nursing students, giving them experiences not available in many other programs.
CYBERBIT INC	\$420,000	UMA	Three-year subscription/licensing agreement for a cybersecurity simulation and training environment for which this supplier is the only option with a full range of capabilities and tools that support and provide for the needs of an academic-focused cybersecurity program. This supports a strategic focus area for student recruitment at UMA and provides a platform upon which services and real-world experience can be extended to Maine businesses.
ILLUMINA INC	\$114,600	UM	Grant-funded purchase of DNA sequencing system. This platform specifically identified and approved by the National Science Foundation and will ensure delivery of comparable data standards already being employed. Attempts to find equivalent platforms were unsuccessful. Supplier is the manufacturer and does not sell through dealer networks
CIMETRICS INC	\$107,920	UM	Contract for energy efficiency monitoring and reporting services for building management systems at UM. Cimetrics designed the data analysis platform based on the Analytika data visualization system. A competitive market analysis was completed at the end of the prior contract period and the only other companies who could provide Analytika services are not be able to provide needed on-site services economically.

Supplier Name	Amount	Campus	Summary Notes
ALICE JAMES BOOKS	\$98,281	UMF	This is a grant provided by UMF to Alice James Books (AJB). AJB operates a non-profit press on campus (Poetry press) and provides 14 student internships/apprenticeships, especially for Creative Writing majors.
JOHNSON CONTROLS INC	\$93,000	UM	Maintenance services for existing Johnson building control systems - proprietary system for which only manufacturer can perform maintenance.
BUCHI CORP	\$89,970	UM	Grant-funded nano-cellular lab spray dryer system for which supplier is the only manufacturer that produces a sprayer/dryer that can handle nano materials. Purchase is for the Advanced Composites Lab at UM and supports ongoing research into utilization of wood fibers in large scale 3D printing technologies.
COACH COMM LLC	\$77,526	UM	Upgrade of sideline headset system for the UM Division I Football program. Utilizing existing supplier (in use since 2007) allows the University to maintain some existing equipment and ensures compatibility with current inventory while utilizing the de-facto standard for Division I programs. Upgrade provides critical RF shielding to reduce crosstalk and interference that has been increasingly problematic across collegiate and professional sports stadiums.
STRATEGIC MARKETING INNOVATIONS INC	\$77,000	UM	Continuation of existing education outreach to federal executive branch agencies in support of UM's research programs.
MICROWAVE TELEMETRY INC	\$76,000	UM	Grant-funded purchase of pop-up satellite telemetry tags for tagging yellowfin tuna as part of ongoing fisheries research. Of four possible suppliers, this supplier is the only one with tags that will last a full year (length needed for research parameters) and does not create drag (artificial drag negatively affects data efficacy)

Supplier Name	Amount	Campus	Summary Notes
CARVER INC	\$65,605	UM	Grant-funded specialized platen press for testing and development of structural thermoplastic composite materials. Identified two possible manufacturers capable of customizing their equipment to perform to our requirements; only one was able to do that. Other supplier not able to provide high temperature platen material for rapid high temperature heating and rapid cooling.
COLLEGE BOARD	\$64,474	UM	Purchase of student names for recruiting purposes. Supplier is a not-for profit membership organization and sole owner of multiple exams, publication, and software related to "Official College Board Offerings", which include things such as SAT Online Course/Tests, Advanced Placement Program, Accuplacer, etc.
SEA BIRD ELECTRONICS INC	\$56,186	UM	Grant-funded purchase of sensors to measure water temperature salinity, and pressure prosperities at discrete depths. Investment made in these instruments over 20 years ago and continuity critical to achieve scientifically defensible measurements. Unique technology and only available from this supplier.
US CHEMICAL STORAGE LLC	\$56,140	UM	Grant-funded purchase for a highly specialized four hour fire rated containment module with sump capacity as part of ongoing research at UM into the manufacture of jet fuel (and other fossil fuel replacements) from wood fiber. Although multiple suppliers were assessed, only one had the full list of required specifications required for the project.
EUREKA RANCH INTRNTL	\$54,516	UM	UM and Eureka Ranch co-developed and jointly own intellectual property in an innovation engineering course. In this very unique situation, UM and Eureka are offering this course to National Football League (NFL) players. UM enrolls the NFL players, collects tuition, and grants credit hours. Eureka provides course content and instruction. UM nets revenue in the process after passing through tuition payments.

Supplier Name	Amount	Campus	Summary Notes
HONEYWELL INTRNTL INC	\$52,600	UMF	Upgrade of building control and heating management systems at UMF. Existing software no longer supported based on technical and hardware requirements. Upgrading to newest software version for existing building management system.
ADVANCED EDUCL TECHNOLOGIES LLC	\$52,150	UM	Continuity with existing equipment from same manufacturer. Per the manufacturer dealer protected territory.
ADVANCED INFRASTRUCTURE TECHNOLOGIES	\$51,100	UM	Department (ASCC) owns copyright to reinforced composite beam design. Supplier holds the exclusive license to manufacture items using this technology. ASCC project to provide beams to MDOT and needs to purchase two beams in order to complete the required stress tests.
MELINK CORP	\$50,049	UM	Installation of exhaust hood system at Hilltop Commons at UM with proprietary management system that integrates with existing equipment deployed elsewhere on campus. The hoods are all centrally monitored and managed through this integrated control system.
JAMES LYONS	\$50,000	UM	Specialized services related to boilers at the university's steam plant for which the supplier has unique knowledge and capabilities.
CAEL	\$49,000	UMS	Purchase and implementation for all seven campuses of online survey tool for use by adult learners and adult degree completion programs as part of the University's strategic objective of supporting adult degree completion. Supplier is sole supplier of this survey as well as the provider for the last major survey conducted in 2014.

Supplier Name	Amount	Campus	Summary Notes
FARO TECHNOLOGIES INC	\$47,400	UM	Replacement and upgrade of a 3D Laser scanner that was originally purchased under a grant. Scanner is being replaced and utilizing existing articulating arm system from original purchase. Device used in the Advanced Manufacturing Center at UM and is made available to Maine industry as an essential resource not available anywhere else in Maine.
UPCEA	\$43,500	USM	Consulting services in the form of online program environmental scans, feasibility studies, and market studies performed by the consulting division of the University Professional and Continuing Education Association (UPCEA) of which the University is a member. This particular portfolio of services is only provided by UPCEA to its members and represents specific services that cannot otherwise be obtained. The services will support efforts to improve and grow USM's portfolio of online programs.
INSTRON A DIV OF IL TOOL WORKS INC	\$42,091	UM	Grant-funded calibration and maintenance of existing proprietary scientific test equipment. Equipment is utilized in support of the university's research in the use and production of composite-based materials.
PROCESS & AUTOMATION CONTROLS	\$40,250	UM	Purchase of specialized pump house control system as part of sea water tank system for marine life maintained as part of ongoing research at the UM Darling Marine Center in Walpole. The corrosive nature of sea water in concert with the need for 24/7/365 operation requires a customer designed solution. This component is only available directly from the manufacturer and is a unique component in the overall system design. Research supports multiple marine-based industries.

Supplier Name	Amount	Campus	Summary Notes
TA INSTRUMENTS WATERS LLC	\$39,500	UM	Grant-funded purchase of Thermo Mechanical Analyzer to analyze experimental polymers for UM research in emerging thermoplastic composites for large scale 3D printing for which this analyzer has unique and specific capabilities not otherwise available in the market. Research supports multiple potential Maine industries.
AXON ENTERPRISE INC	\$38,700	UM	Purchase of integrated fleet camera management system for the UM Police Department. Integrates into and proprietary to the existing body camera and fleet communication system. Utilizing this management system allows for reduced risk of liability by recording and maintaining video of officer interactions.
IBCONTROLS INC	\$37,507	USM	Upgrade to existing proprietary building environmental control system. Alternative would entail cost prohibitive replacement of entire control system.
INFORMATICA LLC	\$36,750	UMS	Purchase of two-year contract for cloud-based integration software system which provides critical link between the university's Student Information System and its Customer Relationship Management (CRM) system, which is currently transitioning from one platform to another more robust platform which will ultimately allow the University to more effectively and efficiently recruit and retain students. This integration toolset is licensed in the soon to be legacy CRM and retaining the integration platform reduces overall costs and risks during the transition.
HORIZON SOLUTIONS LLC	\$36,439	UM	Grant-funded addition to existing specialty safety fencing originally purchased in 2017 via a competitive process. Supplier consistently low bidder for safety fencing for this specific type and preference is to maintain continuity.

Supplier Name	Amount	Campus	Summary Notes
HORIZON SOLUTIONS LLC	\$35,870	UM	Grant-funded control system for hydraulic cylinder. Compatibility with existing system and needed to complete requirements under federal contract. This equipment previously tested (rented) in past and confirmed its capable of handling required load & travel capacities and loading rates.
BANGOR TRUCK EQUIP	\$35,000	UM	Contract for repair services for snow plowing equipment, including emergency repairs from only supplier in close proximity to the UM campus with the ability to respond during snow emergency events.
TELEDYNE INSTRUMENTS INC	\$35,000	UM	Grant-funded proprietary battery upgrades for existing underwater gliders used in ocean acidification research at UM as part of broader climate change and ocean research.
BROADBAND LEGAL STRATEGIES	\$34,000	UMS	Consulting services related to recovery of revenue related to the Federal E-Rate program for which the provider is the foremost authority based on her experience as a former administrator at the FCC and her oversight role in the program and has been repeatedly successful recovering denied funding requests.
A-VIBE	\$32,000	UM	Grant-funded contract for continued maintenance of the Inter-Chem-Net website which allows collaboration between university and K-12 chemistry students as well as collaborative sharing of lab diagnostic equipment across the Inter-Chem-Net user population.
TECHMER PM LLC	\$32,000	UM	Grant-funded purchase of wood fiber-based substrate material for use in the Advanced Structures and Composites Center at UM for research that supports several Maine industries including boat building and transportation infrastructure. Substrate material must match materials previously used in small scale 3D printing tests in order to ensure research data integrity.

Supplier Name	Amount	Campus	Summary Notes
COLLEGE BOARD	\$31,023	UMF	Purchase of student names for recruiting purposes. Supplier is a not-for profit membership organization and sole owner of multiple exams, publication, sand software related to "Official College Board Offerings," which include things such as SAT Online Course/Tests, Advanced Placement Program, Accuplacer, etc.
CENGAGE LEARNING	\$30,000	UMA	Online non-degree career training service for which pass-through charges to students result in net revenue to the university.
FREIGHTLINER OF MAINE INC	\$30,000	UM	Service contract for proprietary Freightliner industrial-grade rubbish packer system for which general and emergency repairs and maintenance are provided directly by the manufacturer.
MAINE COMRCL TIRE INC	\$30,000	UM	Truck and Heavy Equipment tire services for which this is the only supplier proximate to UM that can provide both 24x7 services and can match the specific tire characteristics required for specialized equipment.
BANGOR TRUCK EQUIP	\$30,000	UM	Contract for repair services for ancillary equipment for snow plowing and other operations, including emergency repairs from only supplier in close proximity to the UM campus with the ability to respond during snow emergency events.
WORDLAB	\$30,000	USM	Apprenticeship program for recent college graduates and mid-career professionals for development of special skills in strategic communication and relations focused on providing for the needs of Maine businesses in the state's targeted technology sectors. This provider is the only Maine-based provider able to effectively address this need.

Supplier Name	Amount	Campus	Summary Notes
CAPE ELEUTHERA INST	\$29,640	UM	Purchase of turn-key study abroad services at the Cape Eleuthera Institute in The Bahamas as part of field-based delivery of BIO 309 class on Sustainability and Conservation. Eleuthera provides a unique experience that directly matches the objective of the class.
IWORX SYSTS INC	\$29,250	UMPI	Like-for-like replacement of exercise and physiology training equipment and teaching resources upon which a human kinesiology class is based.
ELEMENTAL SCIENTIFIC INC	\$28,026	UM	Repair of equipment by original manufacturer. No other authorized repair centers.
OHANA TOUR SVC	\$27,872	UM	Grant-funded services for travel and logistics planning for study tour to China as part of Marine Fisheries Partnership project which seeks to enhance fisheries management best practices, research and education between China and other countries. Provider has unique experiences and relationships working with the Chinese delegation to the project.
HU FRIEDY MFG CO LLC	\$27,647	UMA	Instrument kits for dental hygiene students with technical specifications required by the dental hygiene academic program. Reviewed product from two other suppliers and found they did not have required features needed for students.
OHANA TOUR SVC	\$27,462	UM	Grant-funded services for travel and logistics planning for study tour to China as part of Marine Fisheries Partnership project which seeks to enhance fisheries management best practices, research and education between China and other countries. Provider has unique experiences and relationships working with the Chinese delegation to the project.

Supplier Name	Amount	Campus	Summary Notes
LAB AIDS INC	\$26,341	UM	Restocking of consumable materials in laboratory kits used by students - department reuses kits and restocks rather than buying whole new kits each semester as a means to control costs. Materials are part of a specific curriculum program designed to focus on STEM education in Maine.
GUINNESS WORLD RECORDS NORTH AMERICA INC	\$26,000	UM	Guinness is the global authority on record-breaking and their name recognition will draw significant media attention, exposing UM as one of the top research institutions in large-scale additive manufacturing and may lead to significant investments by funding agencies to pursue future research opportunities.
NOLDUS INFORMATION TECHNOLOGY INC	\$25,818	UM	Grant-funded purchase of integrated infrared camera and data analysis system for the study of muscle formation in Zebrafish, the study of which has applications in developing therapies for human muscular disorders like Muscular Dystrophy among other applications. The equipment is of unique and specialized design.
UNIV OF OXFORD	\$25,278	UM	Grant-funded travel and vessel services for an extended research cruise in the Southern Ocean and Antarctica as part of ongoing climate change research at UM. University of Oxford is coordinating services and financial transactions for the four research teams involved. Research is investigating global climate change and its impacts worldwide as well as in Maine and steps that can be employed to mitigate.
BIGELOW LAB FOR OCEAN SCIENCE	\$25,031	USM	Grant-funded testing and analysis services in support of a recycling program whereby discarded shellfish shells will be reused to help reduce ocean acidification. Research specifically targets the Maine-based oyster aquaculture industry. Supplier has unique capabilities and is being used to ensure data integrity with other companion research projects.

Supplier Name	Amount	Campus	Summary Notes
SARGENT CORP	\$25,000	UM	Contract for fabrication and repair services for snow plow blades, including emergency repairs from only supplier in close proximity to the UM campus with the ability to respond during snow emergency events.
CURTIS AIR	\$25,000	UM	Service, maintenance and repair of Cessna T172SP airplane. Two known FFA registered providers in the area; Curtis Air focuses on private aircraft so able to prioritize services when needed. Other providers focus is commercial and with only two in the area we are not able to get priority turn-around.
SPECTRUM REACH	\$24,500	UMA	Targeted television and online media ads seeking students from specific geographical areas.
COMBINED FLUID PRODUCTS CO	\$24,121	UM	Purchase of specialized pump house components as part of sea water tank system for marine life maintained as part of ongoing research at the UM Darling Marine Center in Walpole. The corrosive nature of seawater in concert with the need for 24/7/365 operation requires a customer designed solution. This component is only available directly from the manufacturer and is a unique component in the overall system design. Research supports multiple marine based industries.
SEA BIRD ELECTRONICS INC	\$24,013	UM	Grant-funded purchase of pH sensors to be added to underwater glider as part of ocean acidification research conducted at UM. Sensor is the first of its kind and was developed specifically to meet the requirements of this collaborative research project as set forth by the lead researcher at Rutgers University.
GLOBAL SVC PARTNERSHIPS LLC	\$24,000	USM	Travel services for study abroad course in Belize for which the supplier offers a unique and comprehensive variety of services and on-site capabilities, including the ability to create experiences with sufficient rigor to qualify for course credits.

Supplier Name	Amount	Campus	Summary Notes
LAB AIDS INC	\$23,925	UM	Grant-funded restocking of textbooks used by students K-12 teachers as part of the Maine STEM Partnership's efforts to promote inquiry-based science education in Maine. Textbooks were determined by the Maine Center for Research in STEM Education at UM to be the best overall middle school science curriculum.
KAMCO SUPPLY CORP OF BOSTON	\$23,750	UMF	Bathroom partitions standardized throughout campus are same manufacturer, Kamco. Kamco is sold only direct through Kamco Co. No other suppliers can provide this product.
CLEAN AIR DESIGNS INC	\$23,694	UM	Rooftop Air Handler equipment failure - repair materials from original manufacturer for compatibility. Existing equipment's remaining lifespan is approx. 15 years.
IBCONTROLS INC	\$23,632	USM	Upgrade to existing proprietary building environmental control system. Alternative would entail cost prohibitive replacement of entire control system.
PENGUIN RANDOM HOUSE LLC	\$23,500	USM	Keynote speaker for USM Graduation ceremony. The supplier (Random House) is the exclusive agent for this speaker.
MUTSU KADEN TOKKI LTD	\$22,969	UM	Purchase of specialized drill and line washer to support the emerging scallop aquaculture industry in Maine. This device, in concert with another of the same design purchased by another entity, will allow research to continue in cultivation of scallops (commercial farming).
BIOMONTR EQUIP SVCS	\$22,575	UM	Turn-key real-time DNA sequencer for which this equipment is the sole provider of digital PCR detection capability that is an essential requirement for the research this equipment will support. The research seeks to improve overall animal health in agriculture in Maine.

Supplier Name	Amount	Campus	Summary Notes
ADMITHUB INC	\$22,500	USM	Purchase of artificial intelligence-based messaging system designed to provide help and assistance to students, especially first year students. System is designed specifically for higher education and targets students at risk of continued enrollment past their first year, increase overall enrollment yield, and increase FAFSA completion rate (federal financial aid enrollment form). As an emerging technology, no other providers with specific higher education focus have been identified.
DURA TECH INDUSTRIAL & MARINE LTD	\$22,250	UM	Purchase of specialized seawater intakes as part of sea water tank system for marine life maintained as part of ongoing research at the UM Darling Marine Center in Walpole. The corrosive nature of seawater in concert with the need for 24/7/365 operation requires a customer designed solution. This component is only available directly from the manufacturer and is a unique component in the overall system design. Research supports multiple marine based industries.
LAB AIDS INC	\$21,615	UM	Purchase of newly released version of comprehensive middle school earth sciences curriculum that meets Maine learning standards and has been previously adopted by the Maine Center for Research in STEM Education at UM which seeks to promote the development of teaching professionals and resources focused on sciences-based education at K-12 schools in Maine.
CAMPBELL SCIENTIFIC INC	\$21,295	UM	Grant-funded purchase of proprietary replacement satellite transmitters for existing sea-based weather instruments that transmit weather data to NOAA GOES system weather satellites.

Supplier Name	Amount	Campus	Summary Notes
GF URECON LTD	\$20,993	UM	Unique products and could locate only two suppliers for quotes. Selecting lowest bidder and one that could provide quicker lead time. Work must be complete in order to provide heat to buildings so time is of the essence.
LAB AIDS INC	\$20,645	UM	Grant-funded restocking of consumable materials in laboratory kits used by students - department reuses kits and restocks rather than buying whole new kits each semester as a means to control costs. This order upgrades existing stock to newest text edition for the resource.
BZDELL SPORT PSYCHOLOGY LLC	\$20,000	UM	Sport Psychology services for the UM Men's Ice Hockey program. The only provider with a practice that specializes on the specific unique needs of collegiate ice hockey programs.
A L TIER II LLC	\$20,000	UM	Partnership agreement for marketing UM Athletic Events, including in person (radio, TV, online broadcasts). This will benefit enrollment efforts for various Division of Lifelong learning programs and provides income for UM Athletics which receives a portion of the funds raised. Supplier (through Blackbear Sports) has exclusive rights to market at UM Athletic Events since 2015 via competitively bid contract. This services falls outside of the scope of that agreement.
A L TIER II LLC	\$20,000	UM	Partnership agreement for marketing UM Athletic Events, including in person (radio, TV, online broadcasts). This will benefit enrollment efforts for various Division of Lifelong learning programs and provides income for UMaine Athletics which receives a portion of the funds raised. Supplier (through Blackbear Sports) has exclusive rights to market at UM Athletic Events since 2015 via competitively bid contract. This services falls outside of the scope of that agreement.

Supplier Name	Amount	Campus	Summary Notes
COMPOUNDING SOLUTIONS LLC	\$19,775	UM	MTI grant-funded purchase of pre-mix materials and testing for use in the large scale 3D printing at the Advanced Structures and Composites Center at UM. Supplier is considered a cluster partner in the MTI-backed proposal to establish a Maine-based supply chain for bio-filled materials for use in the 3D printer. Overall research supports several Maine industries including boat building and transportation infrastructure.
ACCUSPEC INC	\$18,981	UM	Like-for-like replacement of exhaust hood system components utilized in research labs on campus (there are 51 hoods of this type and manufacturer across the UM campus).
BAUER HOCKEY INC	\$18,750	UM	Hockey skates for UM Men's Ice Hockey team - skates are specified by athletes and coaching staff and are custom made to match specific requirements of each athlete. Multiple suppliers utilized for this purpose.
HORIZON SOLUTIONS LLC	\$18,015	UM	Grant-funded purchase of hydraulic cylinder actuator as part of an existing system designed to test structural integrity of large components, in this case a large composite beam for the Advanced Structures and Composites Center at UM. Actuator specifically matches and integrates into existing thus ensuring operational and research test data integrity. Overall test rig used for multiple scenarios including offshore wind blades and structural composite beams, among other uses.
CATHERINE BOHLS	\$17,000	USM	Grant-funded contract with training facilitator for an Early Child Care Education for which maintaining continuity of facilitation is essential across multiple years of the grant. Note that training takes place at multiple sites across Maine.

Supplier Name	Amount	Campus	Summary Notes
SOCIETY FOR HUMAN RESOURCE MGMT	\$16,800	USM	Purchase of certification test preparation books for students attending professional development classes at USM in HR Management. The materials are proprietary to the SHRM-CP and SHRM-SCP professional certifications, obtaining which is the primary objective of the classes. Costs pass through to students.
CONSOLIDATED ELECTRICAL DISTRIBUTORS INC	\$16,633	UMF	Purchase and installation of energy efficient LED lights utilizing a supplier who previously installed similar lights at UMF. Under an Efficiency Maine initiative, the final net expenditure for this PO is approximately \$5,000 – a substantial savings.
CAPPEX COM	\$16,500	USM	Re-order of targeted mailing list for potential students for which the supplier has proprietary content.
A L TIER II LLC	\$16,500	USM	Purchase and installation of an athletic content management system for the USM Athletics Dept for which all members of the Little East Athletic Conference have standardized to facilitate sharing of athletic data and game film across the conference.
ANASAZI INSTRUMENTS	\$16,450	USM	Upgrade and service for NMR Spectroscopic equipment in the USM Chemistry lab. Equipment has been in service for more than 20 years and service and upgrade must be performed by original equipment manufacturer.
OPTIMATION TECHNOLOGY INC	\$16,435	UM	Grant-funded maintenance services for automated control and data acquisition system for the pilot plant creating cellulose-based fuels. Service provider designed and installed the control system including proprietary data capture interfaces.
ALLEN INSURANCE & FINANCIAL	\$16,160	UMS	Marine Insurance covering students or third parties that may be injured in diving accidents. Broker is the only one in Maine that can place this excess surplus lines insurance

Supplier Name	Amount	Campus	Summary Notes
TRILIONQUALITY SYSTS LLC	\$16,000	UM	This is an update to existing license and supplier is only authorized dealer in US.
LONGEVITY LINK CORP	\$15,200	UM	Non-invasive portable optical scanner to scan human skin to measure fruit and vegetable consumption as part of larger initiatives to reduce certain health risk factors, including cardiovascular diseases, obesity, cancers and age-related degenerative eye diseases. Device is unique in its ability to measure fruit and vegetable consumption with a simple external skin scan.
JBELLAVANCE CONSULTING INC	\$15,000	UMF	Comprehensive student search evaluation services aimed at better aligning UMF's market approach to its search process for identifying students who meet the University's student search profile. Provider has unique capabilities having worked for the leading supplier of student names along with experience outside of that supplier, thus providing comprehensive insights into the student search marketplace that would otherwise need to be gathered and synthesized from multiple sources.
SIMON & SCHUSTER INC	\$15,000	UM	Grant-funded speaker services for an event hosted by the Stephen E King Chair Fund for which the speaker has been identified as the best option given the subject matter.
JBELLAVANCE CONSULTING INC	\$15,000	USM	Comprehensive student search evaluation services aimed at better aligning USM's market approach to its search process for identifying students who meet the University's student search profile. Provider has unique capabilities having worked for the leading supplier of student names along with experience outside of that supplier, thus providing comprehensive insights into the student search marketplace that would otherwise need to be gathered and synthesized from multiple sources.

Supplier Name	Amount	Campus	Summary Notes
ASSOCIATION OF CLIMATE CHANGE OFCRS	\$15,000	USM	Grant-funded contract for services for the Muskie School at USM to conduct a Leadership Exchange program for elected officials in the Narragansett Bay watershed which will educate these officials on climate-change related decision making as well as link these officials to other leaders in coastal locales. The service provider is currently the only entity qualified to address the climate change related needs of policy makers in state and local governments.
PINE TREE FOOD EQUIP INC	\$15,000	UMF	Repair and maintenance of kitchen equipment. In the past UMF has attempted to locate other restaurant equip repairs suppliers but has been unable to get any to respond to our request for a proposal. These requests to obtain a proposal were done via phone calls so no documentation is available.
FULL MOON COMM INC	\$14,950	USM	Copywriting services for USM Office of Marketing and Brand Management for which continuity of service is essential in order to maximize quality and value for these services while maintaining the developed style and voice needed to extend the University's brand message.
SMARTLITE	\$14,940	UM	Advertising located at the Maine Mall as part of UM's broader marketing strategy. Since Smartlite has an exclusive contract with the Maine Mall, the University has no other options for contracting for this targeted advertising and location.
SHELLFISH EQUIP	\$14,800	UM	Specialized equipment not available from other aquaculture equipment manufacturers. Custom designed to work with existing water pump and generator to be portable. Other aquaculture equipment manufacturers make washer/tumblers but not washers designed to work in the same manner as this. This supports research in development of scallop industry aimed at diversifying Maine's working waterfront and broadening products and markets.

Supplier Name	Amount	Campus	Summary Notes
WRIGHTS MEDIA LLC	\$14,500	UMA	Purchase of rights to use online badge for "US News Best Online Programs 2020" for marketing purposes - supplier has exclusive right to sell the online badge rights.
NATIONAL EVENT PUBLICATIONS	\$14,500	UMPI	Targeted marketing for the UMPI for publication in Boston Red Sox yearbook with sole publisher of MLB team yearbooks.
PLEASANT RIVER LUMBER CO	\$14,477	UM	Grant-funded purchase of green wood sawdust and kiln dried wood shavings for the Witter Farm from only supplier within economically feasible distance that can provide the volume of product needed.
INSTRON A DIV OF IL TOOL WORKS INC	\$14,398	UM	High capacity testing frames required for high load testing. Supplier is manufacturer of existing equipment. This purchase includes repairs to existing equipment, calibration, and purchase/installation of new equipment. Continuity/compatibility is essential.
SEA BIRD ELECTRONICS INC	\$14,000	UM	Grant-funded service, calibration and maintenance by original equipment manufacturer of underwater sensors that provide hourly weather, current, and water-property data to several federal agencies (e.g., NOAA, USCG) that in turn provide critical data to support commercial and recreational marine activities in the Gulf of Maine.
CITY OF AUGUSTA	\$14,000	USM	Rental of the Augusta Civic Center for the PBIS Conference which provides professional development for K-12 special needs teachers - only location in the Augusta area that could accommodate the event.
COLLEGE BOARD	\$14,000	USM	Purchase of student names for recruiting purposes. Supplier is a not-for profit membership organization and sole owner of multiple exams, publication, and software related to "Official College Board Offerings", which include things such as SAT Online Course/Tests, Advanced Placement Program, Accuplacer, etc.

Supplier Name	Amount	Campus	Summary Notes
LINKEDIN CORP	\$13,775	USM	Licensing and services agreement with social-media-based employee recruitment services for USM that blends the most ubiquitous employment-related social media platform with active recruitment support, focused on two key areas; 1) supporting the university's affirmative action plan and building workforce diversity, and 2) actively recruiting pool of potential job candidates who have earned a Doctorate and are seeking employment in academia.
ROGUE DETECTION TEAMS	\$13,719	UM	Grant-funded trained dog scent detection services to search for bats roosting in talus slopes (heavy rocks and boulders) as part of UM Wildlife Ecology research. Special training in traversing and searching talus slopes as well as in searching for bats across multiple scent vectors is a unique and required capability that no other providers possess. This supplier has successfully supported very similar research in Alaska.
IRIS NETWORK	\$13,500	UM	UM Seed Grant-funded project meant to improve independence by blind and visually impaired Mainers. Supplier is the only non-profit organization in Maine supporting vocational, mobility and skill training for this group of people. UMS develops the app; supplier provides expertise and input, testing and evaluation of the app within their curriculum.
TURNER DESIGNS INC	\$13,389	UM	Purchase of multi-wavelength chlorophyll and blue algae pigment sensor used in studying lake sediment algae content for climate change research for which the alternative of single wavelength sensors would increase cost and decrease efficiency, and is compatible with currently utilized equipment. Equipment specifically measures presence of blue green algae in toxic algae blooms.

Supplier Name	Amount	Campus	Summary Notes
3DPRINTCLEAN	\$13,268	UM	Grant-funded purchase of fire suppression and air filtering enclosure for a small scale 3D printer for the Advanced Composites Center at UM for which the design and components are proprietary to the original printer manufacturer. Part of ongoing research into the use of wood fiber derived substrates for use in 3D printing technologies.
WET LABS INC	\$13,190	UM	Grant-funded service, calibration, and maintenance provided by original equipment manufacturer for several underwater instruments for monitoring of marine water quality utilized by and for various research projects within the School of Marine Sciences at UM.
SUGARLOAF MTN CORP	\$13,107	UMF	Continued use of event facility for cultivation and development of alumni to drive enrollment and giving at UMF. Facility has been used for several years previous and is the most central to UMF, thus reducing overall costs for all participants and for the university.
CHARLES RIVER LABS MONTREAL ULC	\$12,700	UM	Tissue analysis and mapping for the UM School of Food and Agriculture for which continued use of same supplier as previous project analysis is essential in order to maintain research data integrity. The underlying research supports efforts to identify methods to reduce the incidence of post surgical infection in humans.
MODERNTHINK	\$12,670	UMS	Proprietary provider of database software program that supports the university's participation in the Great Colleges to Work For program.
GEOCEANTECH CO LTD	\$11,880	UM	Grant-funded purchase of a Temperature Gradient Incubator for growth of phytoplankton as part of ongoing ocean acidification research at UM. Research is focused on the impacts and possible remediation of acidification of the Gulf of Maine and its impact on aquaculture. Incubator has unique characteristics needed for this research and not available elsewhere.

Supplier Name	Amount	Campus	Summary Notes
INSTRON A DIV OF IL TOOL WORKS INC	\$11,323	UM	Calibration and maintenance of existing proprietary scientific test equipment. Equipment is utilized in support of the University's research in the use and production of composite-based materials.
BAUER HOCKEY INC	\$11,070	UM	Hockey sticks for UM Men's Ice Hockey team - sticks are specified by athletes and coaching staff and are custom made to match specific requirements of each athlete. Multiple suppliers utilized for this purpose.
SEILER INSTRUMENT & MFG CO	\$11,059	USM	Proprietary motor replacement and routine maintenance for Star Projector at USM planetarium.
MACRAE SPEAKERS & ENTERTAINMENT LLC	\$11,000	UM	Guest speaker services for Dr. Jackson Katz, co-founder of the Mentors in Violence Prevention (MVP) program who will offer two presentations at UM to athletes, and to the campus community at large. Supplier is the exclusive agent for the speaker who is considered a preeminent authority on sexual and gender violence prevention and gender equality.
POLYSTRAND POLYONE CORP	\$10,949	UM	Grant-funded specialized thermoplastic composites with dimensions up to and including 101" x 172". Through literary review and contacts of at least 2 possible providers, unable to locate companies able to meet the required sizes.
AXON ENTERPRISE INC	\$10,784	UM	Purchase of tasers for the UM police force that match existing deployed units and are part of a proprietary platform that includes integrated tasers and body worn cameras.
GPS WEB SHOP INC	\$10,688	UM	GPS Tracking Collars for livestock being used for research. Specific unit is the only one on the market with the specifications required to accurately determine grazing behavior characteristics, other potential suppliers were reviewed. This supplier only viable option to provide the volume of collars needed for this research project.

Supplier Name	Amount	Campus	Summary Notes
AV TECHNIK LLC	\$10,615	UMA	Continued use of AV service provider for UMA commencement for which providing continuity of service has been essential.
ROBATEL INC	\$10,500	UM	Grant-funded equipment supports testing an extraction process for removing acids from woody biomass. Ultimately the project will for manufacture of gasoline and jet fuel from woody biomass (trees) harvested in Maine. Able to identify only two suppliers with this type of equipment. Renting units from both suppliers before deciding which, if either, will ultimately be purchased.
SCHOODIC INST AT ACADIA NATL PARK	\$10,328	UM	UM School of Biology and Ecology hosts a freshman orientation event at the Schoodic Education and Research Center - the Center provides content and resources that support the academic program. Rather than house students elsewhere and incur costs and lose time to transport them, students are housed and fed at the Center as well.
SEASPACE CORP	\$10,125	UM	Grant-funded upgrade of proprietary satellite data analysis software used in various research projects at the School of Marine Sciences at UM. Upgrade of system that has been in use since 1996 and for which continued utilization ensures overall and ongoing data integrity.

NAMED IN GRANT PURCHASES

Goods and/or services specifically named in grant awards. When these goods and/or services are available from multiple sources the competitive procurement standard applies unless the grant requires, was contingent upon, or was otherwise awarded with the explicit expectation that a specific good or service would be procured to carry out the award.

Supplier Name	Amount	Campus
SYNTIRO	\$2,037,857	UMF
UNIV OF VERMONT & STATE AGRIC COLLEGE	\$991,659	UM
UNIV SYST OF NEW HAMPSHIRE	\$971,406	UM
BIGELOW LAB FOR OCEAN SCIENCE	\$681,750	UM

Supplier Name	Amount	Campus
TREASURER STATE OF MAINE	\$500,000	UMA
COASTAL ENTERPRISES INC	\$415,000	USM
MOTE MARINE LAB INC	\$399,961	UM
NOVA SOUTHEASTERN UNIV INC	\$399,373	UM
AUBURN UNIV	\$356,000	UM
DOWNEAST INSTITUTE	\$250,000	UM
JUSTICE RESEARCH AND STATISTICS ASSN	\$239,622	USM
DOWNEAST INSTITUTE	\$236,625	UM
GOOD SHEPHERD FOODBANK	\$225,000	UMF
UNIV SYST OF NEW HAMPSHIRE	\$218,400	USM
BIGELOW LAB FOR OCEAN SCIENCE	\$203,412	UM
SAVE THE BAY	\$190,262	USM
LISA M LETOURNEAU MD LLC	\$173,654	UMF
PUBLIC CATALYST GRP CORP	\$158,350	USM
THROWE ENVIRONMENTAL	\$150,000	USM
AVCOG	\$143,000	USM
ATLANTIC CORP	\$141,044	USM
BIO RAD LAB INC	\$140,745	UM
UNIV OF MASSACHUSETTS DARTMOUTH FNDTN I	\$139,812	UM
MT BLUE REGIONAL SCHOOL DISTRICT	\$128,409	UMF
TRICIA MOSHER CONSULTING	\$124,140	USM
SOCIEDAD DE HISTORIA NATURAL NIPARAJA AC	\$120,000	UM
CORNELL UNIV	\$114,855	UM
KANSAS STATE UNIV	\$107,500	UM
WOODS HOLE OCEANOGRAPHIC INSTITUTION	\$104,677	UM
FAMILY & CMNTY MEDIATION	\$88,760	UM
NORTH CAROLINA STATE UNIV	\$88,469	UM
WET LABS INC	\$85,408	UM
GULF OF MAINE RESEARCH INST	\$82,159	UM
IOWA STATE UNIV	\$80,029	UM
VALMET INC	\$78,372	UM
UNIV OF MIAMI	\$77,727	UM

Supplier Name	Amount	Campus
AAAS	\$75,605	UM
UNIV OF IDAHO	\$75,265	UM
UNIV OF KENTUCKY RESEARCH FNDTN	\$75,000	UM
WASHINGTON STATE UNIV	\$74,733	UM
VIRGINIA POLYTECHNIC INST & STATE UNIV	\$73,940	UM
COMPOSTING SME LLC	\$72,408	UM
UNIV OF NEW ENGLAND	\$71,808	UM
DECISION RESEARCH	\$68,597	UM
NORTHERN MAINE DEVELOPMENT COMMISSION	\$67,000	USM
AUDUBON SCTY OF RHODE ISLAND	\$65,091	USM
MSAD 44	\$65,000	UMF
RSU 74	\$65,000	UMF
MSAD 58	\$65,000	UMF
SEQUOIA SCIENTIFIC INC	\$64,032	UM
QUIXOTE EXPEDITIONS LLC	\$60,000	UM
COASTAL ENTERPRISES INC	\$59,594	UM
MANOMET CTR FOR CONSERVATION SCIENCES	\$58,672	UM
RSU 39	\$55,790	UMF
GULF OF MAINE RESEARCH INST	\$53,500	UM
AOS 96 MACHIAS SCHOOL DEPT	\$52,500	UMF
HEALTH ECONOMY LLC	\$49,900	UMF
MAINE AQUACULTURE ASSN	\$47,300	UM
NERACOOS	\$45,857	USM
SOUTHWEST RESEARCH INST	\$45,759	UM
UNIV OF MONTANA	\$45,000	UM
PENNSYLVANIA STATE UNIV	\$42,470	UM
GULF OF MAINE RESEARCH INST	\$42,409	UM
ADVANCED COMPOSTING TECHNOLOGIES LLC	\$42,000	UM
MT BLUE REGIONAL SCHOOL DISTRICT	\$41,800	UMF
NATURE CONSERVANCY	\$40,008	USM
BARBARA KATES	\$40,000	USM
UNIV OF RHODE ISLAND	\$40,000	USM

Supplier Name	Amount	Campus
HORIZON RESEARCH INC	\$40,000	UM
MSAD 37	\$40,000	UMF
MASS AUDUBON	\$39,000	USM
INTEGRATED LEARNING INNOVATIONS INC	\$37,500	UM
PREUSSER RESEARCH GRP INC	\$35,700	USM
MT DESERT ISLAND BIOLOGICAL LAB	\$35,009	UM
MSAD 27	\$35,000	UMF
MSAD 70	\$35,000	UMF
RSU 4	\$34,735	UMF
MAINE AQUACULTURE INNOVATION CTR	\$34,400	UM
INDICES CONSULTING LLC	\$34,000	USM
MSAD 59	\$32,217	UMF
KIMBERLY GROFF	\$31,500	USM
BROWN UNIV	\$30,333	USM
CAPE COD COMMISSION	\$30,000	USM
SYRACUSE UNIV	\$30,000	USM
NAVAL ENERGIES	\$30,000	UM
MARINE BIOLOGICAL LAB	\$29,817	UM
BIGELOW LAB FOR OCEAN SCIENCE	\$29,671	UM
NEW ENGLAND AQUARIUM	\$29,166	UM
MSAD 44	\$28,647	UMF
RSU 10	\$28,616	UMF
JUDITH F LOREN	\$28,500	USM
SYNDAVER LABS INC	\$27,750	UMA
BIGELOW LAB FOR OCEAN SCIENCE	\$27,000	UM
GALLUP INC	\$26,498	USM
BATES COLLEGE	\$26,402	UM
RSU 73	\$25,626	UMF
COLBY COLLEGE	\$25,448	UM
RSU 56	\$25,264	UMF
MSAD 20	\$25,200	UMF
RSU 74	\$25,150	UMF

Supplier Name	Amount	Campus
TOWN OF BAILEYVILLE SCHOOL DEPT	\$25,000	UMF
MAINE ACADEMY OF NATURAL SCIENCES	\$25,000	UMF
CORNVILLE REGIONAL CHARTER SCHOOL	\$25,000	UMF
SUSAN PATE	\$24,990	USM
FRIENDS OF CASCO BAY	\$24,626	USM
MSAD 33	\$24,000	UMF
CORNELL UNIV	\$23,317	UM
UNIV OF FLORIDA	\$23,250	UM
MSAD 14	\$23,104	UMF
WINDOWDRESSERS INC	\$22,800	USM
MSAD 3	\$22,323	UMF
GULF OF MAINE RESEARCH INST	\$22,124	UM
CHRISTINE B FEURT	\$21,196	UM
WILLIAM SEEKINS	\$20,400	UM
OPPORTUNITY ALLIANCE	\$20,000	USM
CENTRO DE CIÊNCIAS DO MAR DO ALGARVE	\$20,000	UM
UNIV OF NEW ENGLAND	\$20,000	UM
MAINE AQUACULTURE INNOVATION CTR	\$20,000	UM
MAINE AQUACULTURE INNOVATION CTR	\$19,960	UM
SOUTHERN MAINE CMNTY COLLEGE	\$19,843	UM
JACKSON LAB	\$18,765	UM
LIMESTONE SCHOOL DEPT	\$16,300	UMF
HAWTHORNE VALLEY ASSN INC	\$15,894	UM
GARY FLORY	\$15,300	UM
VIRGINIA POLYTECHNIC INST & STATE UNIV	\$15,191	UM
CHANGE HEALTHCARE PHARMACY SOLUTIONS INC	\$15,000	USM
COASTAL ENTERPRISES INC	\$15,000	UM
CARLANN M WELCH PSYD LLC	\$14,940	USM
MAINE INDIAN EDUC	\$14,600	UMF
KAREN L GROAT	\$14,340	UM
RSU 78	\$13,950	UMF
OHIO STATE UNIV	\$13,374	UM

Supplier Name	Amount	Campus
MSAD 13	\$13,158	UMF
MSAD 58	\$13,000	UMF
PRESUMPCOT REGIONAL LAND TRUST INC	\$12,900	USM
BIGELOW LAB FOR OCEAN SCIENCE	\$12,500	UM
RSU 38	\$11,900	UMF
MSAD 37	\$11,696	UMF
MARINE BIOLOGICAL LAB	\$11,640	UM
CANDACE A KANES	\$11,500	UMA
TYLER TECHNOLOGIES INC	\$11,200	USM
MT DESERT ISLAND BIOLOGICAL LAB	\$10,900	UMPI
DYNATA LLC	\$10,899	UM
SAN JOSE STATE UNIV RESEARCH FNDTN	\$10,636	UM
COLLEGE AVENUE STUDENT LOANS LLC	\$10,253	UMF
COASTAL ENTERPRISES INC	\$10,225	USM

EMERGENCY PURCHASES

These may be made only to meet true emergencies arising from unforeseeable causes. Emergency purchases should be made on the basis of competitive procurement and approved in advance whenever practicable. In FY20, a number of these purchases are connected to the global COVID-19 pandemic and activities to serve local and state needs including hand sanitizer production for health care providers, as well as purchase of personal protective equipment (PPE) like face coverings to protect UMS employees consistent with public health guidelines.

Supplier Name	Amount	Campus	Summary Notes
FACTORY MUTUAL INSURANCE CO	\$965,000	UMS	University-wide property insurance coverage for FY20. Previously the university purchased this insurance through a public purchasing consortium. However, when made aware that the cost of the insurance would increase by \$150,000 or 17 percent, options were explored to contain the cost. By executing a new policy directly with carrier, Risk Management has been able to reduce the increase to 9 percent. A formal solicitation process will be conducted over the next year to secure a longer-term solution.
TA INSTRUMENTS WATERS LLC	\$493,535	UMS	Replacement due to an equipment fire; equipment replacement. Direct replacement of equipment purchased in 2011 and will be reimbursed by insurance.
SERVPRO OF PORTLAND & S PORTLAND	\$292,469	UMS	Water Mmitigation at USM Woodbury Campus Center. Significant water damage to building due to fire main break. Removal of water, mud, and damaged surfaces required immediate attention to prevent mold, repair to fire suppression system, and remove obstacles dangerous to workers. Supplier is preferred provider with UMS insurance provider, FM Global and honored FM Global pricing and additionally has provided satisfactory services to USM.
PENOBSCOT CLEANING SVCS INC	\$190,078	UM	Risk Management request in response to flood at Advance Structures. Only supplier that responded quickly and could be on-site same day.
RAMONA MUNSELL & ASSOC CONSULTING INC	\$170,984	UMPI	Consulting services for Title III Grant, required UMPI to act quickly due to amount of work required prior to US Department of Education releasing grant application period. Agreement signed Nov 2016 with application period expected 1st quarter of 2017. Agreement included a four-year cycle renewal until successful award. Supplier selected based on prior working relationships at previous universities and high rate of success securing Title III Grants.
ENVIRONMENTAL SAFETY PROFESSIONALS INC	\$150,000	UM	Extension of existing competitively bid contact for asbestos air monitoring services for which a new RFP could not be completed due to resource constraints caused by the pandemic.

Supplier Name	Amount	Campus	Summary Notes
LABSTER INC	\$140,000	UMS	Software required for rapid transition to online learning due to pandemic
SPLIT ROCK DISTILLING	\$118,851	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic.
EASTMAN MACHINE CO	\$95,490	UM	Grant-funded purchase of computer controlled cutting machine for the Advanced Composites lab at UM. Extensive evaluation of potential equipment meeting grantor specifications narrowed the device to one manufacturer. Although that manufacturer sells directly and via resellers, time constraints associated with project deadlines did not allow time to conduct a competitive bidding event, and was ordered direct from the manufacturer.
PRESIDIO NETWORKED SOLUTIONS LLC	\$94,645	UMS	IT support service required to achieve & maintain performance, reliability, and security of critical on-campus enterprise wide system network environments throughout the institution, which reside within this virtual server environment. State of Maine contract utilized in the past but UMS renewal period does not coincide and we are currently in the "grace period", thus not allowing time for procurement process. This renewal provides coverage through October 2022.
ENVISTA FORENSICS LLC	\$88,644	UMS	Restoration of equipment damaged in fire. Supplier is vendor of choice with our property insurance carrier, FM Global. Delay would cause additional damage to equipment due to mold, mildew, etc.
NRCCUA	\$83,100	USM	Purchase of data analysis toolset provided by supplier who currently provides proprietary potential student data used for targeted marketing at USM. Toolset allows USM to combine its own prospective student data with the supplier's data to even more precisely target its marketing efforts, thus increasing yield efficiency. Due to enrollment cycle timing, time does not exist to fully evaluate market alternatives. A competitive process will be initiated if determined to be of long term value.

Supplier Name	Amount	Campus	Summary Notes
ASCEND LEARNING HOLDINGS LLC	\$71,500	UMFK	Technology based assessment, testing, and certification solutions for nursing program. Attempts to roll these products under existing contract failed due to supplier change in structure. ATI, a division of Ascend Learning does not enter into contracts; only online click through agreements, which UMS does not allow. Products needed for continuity until an alternative product and bidding event can take place. It was expected for that to happen in FY20 for use in FY21 but due to COVID-19 Sourcing resources had to be redirected to pandemic response.
ASCEND LEARNING HOLDINGS LLC	\$68,553	USM	Technology-based assessment, testing, and certification solution for the nursing program. Attempts to roll these products under existing single contract failed due to supplier change in structure. ATI, a division of Ascend Learning, does not enter into contracts; only online click-through agreements, which UMS does not support necessitating further investigation and negotiation with this supplier. Products needed for continuity for nursing students and their academic experience. A long-term plan for these services will be investigated and determined in the coming year and will be based primarily on program/student needs.
VHB	\$65,360	USM	Engineering Services to develop Transportation Demand Management Plan/Parking & Traffic Study. Time sensitive to ensure construction is not delayed in building new Residence Hall and Student and Career Center, which would have adverse effect on enrollment. Target completion date for these buildings is Fall 2022 based on university leadership expectations. Data generated as a result of these engineering services requires City of Portland site review before a building permit can be approved. An RFQ process typically takes two-three months; given the aggressive timeframe for completion of the new construction a waiver from the normal RFQ process for design services at this level was provided.
TURNITIN LLC	\$62,919	UMS	Software required for rapid transition to online learning due to pandemic
INTERFACE INC	\$60,498	UM	Grant-funded purchase of a load cell instrument required for ongoing research for the US Army at the Advanced Structures and Composites Center at UM. Time was not available between when the need was identified and the actual use required to maintain the grant-specified timeline to conduct a formal bidding process. Multiple suppliers were contact and quotes obtained - the lowest cost responsive and responsible bidder was selected.

Supplier Name	Amount	Campus	Summary Notes
AMERICAN ROOTS WEAR INC	\$59,400	UMS	Purchase of cloth face coverings for all University employees due to pandemic. Purchased from same supplier the State used in its first round of purchases
EXPERIAN	\$55,620	UMS	FY21 renewal of QAS address validation software critical to enrollment, retention, billing, and other critical revenue streams to UMS. Contract term required any renewals be committed to by May 31. UMS intended to rebid contract but was delayed due to COVID-19 sourcing resources being redirected to pandemic response.
FASTCO CORP	\$53,553	UM	Emergency repair services for a major malfunction in Boiler 7 at the UM Steam Plant for which immediate repairs were needed in order to preclude a more major system shutdown which would have resulted in loss of heat over a significant portion of the campus.
WELLSPRING WORLDWIDE INC	\$49,226	UM	Purchase and implementation of database solution to manage all commercialization activities for UM. It replaces antiquated in-house Access database designed in 1995. Unforeseen, increased throughput as directed by BOT, Chancellor, and President on commercialization activities has strained the old system. Conducted abbreviated search/review process of five potential solutions (including Wellspring) and determined Wellspring presented the most complete solution at a reasonable cost. Implementation of 5-6 months with transition at new Fiscal Year, thus not allowing time for formal competitive process to take place.
DMC PAINTING REMODELING & FLOORING	\$44,981	UM	Unanticipated HVAC system failure at the UM Tidewater Learning Center for which the contracted building management company affected emergency repairs.
COMPOSITE DESIGN & DEVELOPMENT LLC	\$40,000	UM	Contract with US Army; Advanced materials components for Ground Vehicle Systems Commend. Deliverable deadline are six months. Supplier has unique qualifications and is a known specialist in the area of advanced materials. This supplier will allow us to move forward in the least time with most efficiency.
MOSSY LEDGE SPIRITS LLC	\$36,580	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
MOSSY LEDGE SPIRITS LLC	\$36,580	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic

Supplier Name	Amount	Campus	Summary Notes
ASCEND LEARNING HOLDINGS LLC	\$36,000	USM	Licensing of online software system that supports field work of nursing students. RFP for this system is in the works, but has not been completed. It was expected for that to happen in FY20 for use in FY21 but due to COVID-19 sourcing resources had to be redirected to pandemic response.
DIRIGO ARCHITECT ENGINEER LLC	\$34,850	UMS	Architectural Engineering topographical survey for USM P3 Dorm/Student Center project. Services were not requested from developer as part of original RFI proposal submission. When known it would be required, inquiries with other limited survey suppliers in area resulted in determining this supplier could provide the services with finished materials in time to not cause a delay in the project. Materials resulting from this purchase will also be used for decommissioning/ demolition activities for this development project.
MARRIOTT BOSTON NEWTON	\$33,881	UM	Catering meeting space for accepted student reception for Boston-area students accepted for admittance to UM. Although a favorable suburban location was chosen (easy access, free parking for participants), a full competitive process was not conducted and will be going forward for similar events.
ACCENTURE LLP	\$32,400	UMS	Extension of marketing software implementation consulting and training contract in support of Admissions CRM and onboarding graduate admissions. Contract extension to allow no disruption in services until Sourcing resources can be redirected from COVID-19 response.
SPLIT ROCK DISTILLING	\$29,713	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
SPLIT ROCK DISTILLING	\$29,713	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
TALEND INC	\$27,360	UMS	The UMS amasses vast quantities of data, both operational and research based. Through an competitively bid contract, UMS has been creating a framework and building expertise in managing data in a data warehouse-type environment allowing for more data-driven decision making and operational improvements. Part of this process requires data extraction and transformation toolsets. To date UMS has utilized a free and open platform, but has now progressed to needing an enterprise-level toolset. Eventually after the critical level of expertise has been developed, an RFP process will be conducted for UMS-wide toolset infrastructure. This purchase is intended to bridge the gap.

Supplier Name	Amount	Campus	Summary Notes
CBORD GROUP INC	\$26,010	UMS	Existing competitively bid contract was extended to allow time for transition to System wide unified one-card e-commerce solution. Transition will happen during middle of contract extension period in an effort to reduce the impact on students.
NORTHEAST RESTAURANT EQUIP INC	\$25,000	UM	Dept. uses two suppliers for repair of equipment. Annual spend unknown up-front. Given fact past two fiscal years have exceeded \$10K department will work with Sourcing to secure long-term contract for FY21.
ATLASSIAN PTY LTD	\$23,250	UMS	License renewal for Information Technologies help desk tracking software which although originally operated at a small scale has since grown to exceed the bidding limit. An RFP team is currently preparing a more comprehensive solicitation so that subsequent licensing will be via a competitive process.
XWAVE AV LLC	\$23,040	UMS	Purchase of audio/visual equipment as part of classroom technology upgrade project. University employee misunderstood/misinterpreted University policy and ordered equipment without bidding. Since this was discovered after the equipment had been installed, options for bidding were not available. Department followed up with training and did establish that the prices charged for the equipment were reasonable and consistent with market prices.
JSI STORE FIXTURES INC	\$21,600	UM	Purchase of portable hygiene barriers as part of the university's efforts to provide a safe on-campus environment due to the pandemic
HARDSHORE DISTILLING CO	\$21,216	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
WATERMARK INSIGHTS LLC	\$20,711	UM	Several providers of student assessment and performance tracking technologies have merged into a new company. Overlapping contract end dates have been extended so all Contracts now co-terminate in 2022 and will be rebid.
WATERMARK INSIGHTS LLC	\$20,400	UMF	Several providers of student assessment and performance tracking technologies have merged into a new company. Overlapping contract end dates have been extended so all Contracts now co-terminate in 2022 and will be rebid.
LINE X OF BANGOR	\$20,000	UM	Protective automotive bedliners. Past two fiscal years spend was low at \$550 so FY20 was not anticipated to be large. An unexpected number of vehicles acquired in FY20 needing the liners. Supplier is primary Line-X dealer for industrial/commercial applications. Other dealers cannot offer broad range of applications needed.

Supplier Name	Amount	Campus	Summary Notes
VERITIV OPERATING CO	\$19,782	UM	Purchase of hand sanitizer as part of the university's efforts to provide a safe on-campus environment due to the pandemic
TRANE	\$19,133	UM	Emergency replacement of air conditioner coils to a unit serving several research labs for which the need to get the unit back in service did not allow time to bid. Original equipment manufacturer was selected to replace the coil.
GREENPAGES TECHNOLOGY SOLUTIONS	\$19,000	USM	Database upgrade services to provide for data integration with the University's ERP system for which the cost and complexity was higher than anticipated.
KEVIN F DONOGHUE INSUR ADVISORS INC	\$19,000	UMS	COVID19 response. UMS RM staff concentration on Covid19 response activities, leaving gap in staff to handle the property insurance renewal. Supplier already under contract for same services but shorter term so contract extension needed to ensure this work would continue to be managed effectively.
PINE TREE FOOD EQUIP INC	\$18,500	UM	Services contract for maintenance and repair of Rational brand ovens in the food services function at UM. Anticipated need was exceeded. Will be competitively bid for future needs.
NATIONAL ELEVATOR INSPECTION SVCS INC	\$17,603	UM	Work originally scheduled for July, FY21 but were done early to allow extra time to complete repairs and thus manage risk and avoid daily fines of \$50/day/elevator. This contract is moving to competitively bid NCPA contract going forward; department is coordinating with Sourcing to complete that process.
VERITIV OPERATING CO	\$17,378	UM	Purchase of hand sanitizer as part of the university's efforts to provide a safe on-campus environment due to the pandemic
REDHEAD MEDIA INC	\$17,000	UMA	Extension to previous services with same supplier to continue digital marketing campaign necessitated by cessation of ground-based recruitment activity due to Covid-19. Were it not for the pandemic crisis we would not invest in this effort at this time of year. Supplier is already running ads under what was intended to be only a 6-week long campaign (PO 1100546381), which we need to extend.
HARDSHORE DISTILLING CO	\$16,800	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
DOCUSIGN INC	\$15,800	UMS	Purchase of electronic signature service to support continuity of business operations when most staff were forced into remote work due to the pandemic

Supplier Name	Amount	Campus	Summary Notes
UNIV OF ILLINOIS	\$15,580	UM	Grant-funded proteomics services (large-scale study of proteins). When researchers identified the need the samples (mice) were of the age that they needed to act swiftly. Contacted other vendors but not able to find one with specialized type of proteomics available from University of Illinois and no time to do more extensive search. Services moved forward prior to completion of approved waiver and we need to process payment for services to date and ongoing.
AROOSTOOK FOAM INSULATION LLC	\$15,000	UMF	Multiple leaks have opened in the roof of the UMF Recreation Center, requiring immediate remediation. Roof will need full replacement, however cannot be replaced until next year due to contractor availability and timing with the seasons. Contractor can perform spray silicone sealing work that will stabilize the roof until full replacement can happen.
GLUU INC	\$14,999	UMS	Extension of licensing of identity management software system utilized to support single sign on of multiple UMS information systems. Extended one year due to sourcing resources being redirected to COVID-19 response.
SCOTT SELL	\$14,618	UM	Original contract scope was to produce a film about sustainable forest management in collaboration with MS student; film to be owned by UMS and value of contract under threshold for competitive process. Contract amended based on request and funding from USDA to produce an additional film entitled "Penobscot Experimental Forest Video" using many of the same materials for first film and to be owned by USDA. Additional cost resulted in contract exceeding bidding threshold.
WISSEN LLC	\$13,750	UMF	Consulting services for grant writing opportunities. A number of opportunities arose quickly with deadlines for submission and private donations specifically earmarked needed to be used. A previous year's RFP went un-awarded and the need to onboard these services quickly arose.
JOHNSTONE SUPPLY	\$13,457	UM	Replacement of failing refrigeration unit that is a critical component in aquaculture research related to salmon and lobster fisheries. This replacement chiller will match a companion chiller that was replaced by way of a competitive procurement from this same supplier. Because of imminent failure, adequate time to conduct another bidding process is not practical.
PELTON LABS	\$13,369	USM	Grant-funded consulting services for which staff shortages resulted in unanticipated additional costs that exceeded the bidding threshold and were required in order to complete the community development project.

Supplier Name	Amount	Campus	Summary Notes
SHAW BROS CONSTRUCTION INC	\$13,188	USM	Emergency repair to water main break at USM Woodbury Campus Center.
HARDSHORE DISTILLING CO	\$12,870	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic
JANE ANN NISBET	\$12,500	UM	Contracted services for a three day engagement to assist the University of Maine in preparing for and helping to achieve the strategic goal of UM becoming a Carnegie Class R1 Research Institution. This designation would help to position UM and UMS in a stronger position for faculty recruitment, grant funding, research initiatives and opportunities for students. Provider has successfully transitioned a peer R2 (UM's current designation) institution to an R1. Time is of the essence to move this initiative forward.
HAMMOND LUMBER CO	\$12,444	UMF	ADA ramp to public safety building failed and required immediate repair. Local supplier had all materials needed and delivered same day.
MERCIER LANDSCAPING LLC	\$11,725	USM	Dismantle and rebuild 35 feet of existing stone wall. Work originally contracted for under \$10K but unknown structural damage was discovered once work was being done which resulted in final cost exceeding original estimate.
WESTIN GOVERNOR MORRIS	\$11,620	UM	NJ accepted student event held in Morristown NJ. Venue selected based on location and size. Cost expected to be under competitive threshold. Number of attendees increased at last minute resulting in final cost being slightly over the bidding threshold.
SHERATON SABLE OAKS	\$10,931	USM	Original venue (Elks Club) selected via competitive process. Then number of attendees grew to size not able to be accommodated at the Elks Club. Sheraton selected based on size, availability, and willingness to match Elks Club price. Event was to celebrate student athlete academic success.
JSI STORE FIXTURES INC	\$10,800	USM	Purchase of portable hygiene barriers as part of the university's efforts to provide a safe on-campus environment due to the pandemic
STANLEY ELEVATOR CO INC	\$10,206	UMA	Emergency services to repair damaged and frayed elevator cables found during routine inspection.
NORTHERN MAINE DISTILLING CO	\$10,120	UM	Purchase of ethanol as part of UM manufacturing of hand sanitizer for the State of Maine's emergency response to the pandemic

LIBRARY COLLECTIONS

Purchase of materials for addition to a library collection including costs of books, catalogs, periodicals, audiovisual and electronic media, and other publications. For instance, the first transaction listed with Elsevier is for an extensive collection of online academic journals, books, and other content made available across the UMS.

Supplier Name	Amount	Campus
ELSEVIER INC	\$2,221,565	UM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$85,418	UM
SPRINGER CUSTOMER SVC CTR LLC	\$74,612	UM
OCLC INC	\$65,000	USM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$59,979	UM
ELSEVIER INC	\$44,703	UM
AMAZON COM LLC	\$32,000	UM
AMAZON COM LLC	\$31,462	UM
JSTOR	\$29,042	USM
ELSEVIER INC	\$25,876	USM
ELSEVIER INC	\$25,369	USM
OCLC INC	\$25,361	UM
ELSEVIER INC	\$22,724	USM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$20,527	UMM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$20,429	UMFK
TREASURER STATE OF MAINE	\$20,000	UM
ELSEVIER INC	\$19,343	UMF
WALDO	\$19,017	UM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$17,428	UM
EBSCO INFO SVCS EBSCO SUBSCRIP SVCS	\$15,330	UM
JSTOR	\$15,318	UM
OVID TECHNOLOGIES INC	\$14,683	UMA
OCLC INC	\$14,455	UM
IBISWORLD INC	\$12,319	USM
CENTER FOR RESEARCH LIBRARIES	\$11,070	UM

FY20 CONTRIBUTIONS GREATER THAN \$1,000

Payee	Amount	Description
HOCKEY EAST	\$93,413	Annual membership in the Hockey East Athletic Conference for UM
NEW ENGLAND COMMISSION OF HIGHER EDUC	\$88,881	Annual membership dues for the New England Commission of Higher Education for all seven UMS campuses - Higher Education Accreditation Organization
AMERICA EAST CONFERENCE	\$75,000	Annual membership in the America East Athletic Conference for UM; Annual Membership in the America East Academic Consortium
NEW ENGLAND OCEAN CLUSTER	\$68,500	Grant-funded sponsorship of the New England Ocean Cluster for education opportunities and program development to foster collaborative relationships among marine-focused businesses and entrepreneurs with the aim of generating environmentally and economically sustainable ideas.
EDUCATE MAINE	\$56,000	Sponsorship of Educate Maine's Project Login (\$50,000) and sponsorship of Maine Teacher of the Year Gala and other events (\$6,000)
NEREN INC	\$48,326	Annual membership dues for the North East Research and Education Network; Fees for Internet network services for Internet2 provided by NEREN for NetworkMaine at UMS
NORTH ATLANTIC CONFERENCE	\$36,000	Annual Mmembership dues for the North Atlantic (athletic) Conference for UMF and UMPI
CAMPUS COMPACT FOR NH	\$35,496	Grant-funded AmeriCorp VISTA Program cost share contribution
INTERNET2	\$34,792	Annual Mmembership fees for the Internet2 (an association of over 500 higher education and research institutes who share a coast to coast high speed dedicated research information network)
COLONIAL ATHLETIC ASSN FOOTBALL	\$33,750	Annual membership dues for the Colonial Athletic Association for the UM Football program
ASSN OF PUBLIC & LAND GRANT UNIVS	\$32,247	Annual mmembership dues for the Association of Public & Land Grant Universities for UM

Payee	Amount	Description
LITTLE EAST CONFERENCE	\$26,000	Annual athletic conference dues for the Little East Conference for USM Athletics
UNIV OF RHODE ISLAND	\$25,661	Grant-funded annual membership dues for the Northeastern Regional Association of State Agricultural Experiment Station Directors operated by University of Rhode Island
UNIV OF MAINE SCHOOL OF LAW FNDTN	\$25,000	Sponsorship of scholarships and fellowships
EDUCAUSE INC	\$23,754	Annual membership dues in EDUCAUSE professional association for IT for all UMS campuses
MAINE & CO	\$22,500	Grant-funded Ccorporate level sponsorship of Maine & Company for UMS and UM
MAINE DEVELOPMENT FNDTN	\$22,350	Annual membership dues for Maine Development Foundation for UMA, UMF, USM and UM; Sponsorship of Leadership Maine
COUNCIL ON SOCIAL WORK EDUC	\$21,055	Annual membership dues for the Council on Social Work Education for UM, UMPI and USM.
NC SARA	\$20,000	Annual membership for the National Council for State Authorization Reciprocity Agreements for all UMS campuses
COUNCIL FOR OPPORTUNITY IN EDU	\$18,650	Grant-funded annual membership dues for the Council for Opportunity in Education for UMF, UMFk, UMPI and USM.
QUILT INC	\$18,500	Annual membership dues for Quilt, a national coalition of non-profit U.S. regional research and education networks representing 40 networks across the country, for NetworkMaine at UMS
UNITED STATES COLLEGIATE ATHLETIC ASSN	\$18,000	Annual membership dues for the United States Collegiate Athletic Association for UMFk, UMM, and UMPI Athletics
ASSN OF AMERICAN LAW SCHOOLS	\$17,373	Annual membership in the Association of American Law Schools
AMERICAN ASSN OF STATE COLLEGES & UNIVS	\$15,761	Annual membership dues for the American Association of State Colleges; Annual Membership in Grants Resource Center
MAINE DISCOVERY MUSEUM	\$15,000	Sponsorship of the 2020 Maine Science Festival for UM and UMS
AAC & U	\$14,225	Annual membership in the Association of American Colleges and Universities

Payee	Amount	Description
AMER ASSN OF COLLEGES OF NURSING	\$13,855	Annual membership in the American Association of Colleges of Nursing for UMF and USM
NACUBO	\$12,048	Annual membership dues for the National Association of College and University Business Officers
SHEEO	\$11,987	Annual membership in the State Higher Education Executive Officers association
AMERICAN ASSN COLLEGES FOR TEACHER EDUC	\$11,660	Annual membership to the American Association of Colleges for Teacher Education for UM and UMF
COUNCIL FOR ADVANCE & SUPPORT OF EDUC	\$11,235	Membership dues for the Council for Advancement and Support of Education
MOOK SEA FARMS INC	\$10,000	Grant-funded sponsorship of program development for "Identifying the Cause of 2020 Hatchery Season Larval Production Problems"
COUNCIL OF PUBLIC LIBERAL ARTS COLLEGES	\$9,500	Annual membership dues for the Council of Public Liberal Arts Colleges for UMF
ASSN OF COLLEGIATE SCHOOLS OF ARCHITECT	\$8,520	Annual membership in the Association of Collegiate Schools of Architecture
COUNCIL OF GRADUATE SCHOOLS	\$8,455	Annual membership dues for the Council of Graduate Schools for UM and USM
NCAA	\$7,800	Annual membership dues for the National Collegiate Athletic Association for UMF, UM, UMPI and USM.
WICHE	\$7,650	Annual membership dues for the Western Interstate Commission for Higher Education for their State Authorization Reciprocity Agreement programs
CAMPUS COMPACT	\$7,550	Grant-funded National Campus Compact membership dues
SECOND NATURE INC	\$7,200	Annual membership dues for the Presidents' Climate Leadership Commitment through Second Nature for UMA, UMF, UMF, UM and UMPI.
ASSOCIATION OF UNIV CTRS ON DISABILITIES	\$7,072	Annual membership for the Association of University Centers on Disabilities
ASSOCIATION OF ASSISTIVE TECH ACT PRGRMS	\$6,694	Grant-funded annual membership dues for the Association of Assistive Technology Act Programs for UMA

Payee	Amount	Description
AMERICAN COUNCIL ON EDUCATION	\$6,030	Annual membership dues for the American Council on Education for USM
NIWR	\$6,000	Grant-funded annual membership dues for the National Institutes for Water Resources for UM
SPARTAN SEA FARMS	\$6,000	Grant-funded sponsorship for program development of "Boat modifications and healable longlines to improve efficiency and safety in seaweed harvest"
YANKEE SMALL COLLEGE CONFERENCE	\$6,000	Annual membership dues for the Yankee Small College (athletic) Conference for UMA and UMM Athletics
APPA	\$5,819	Annual membership dues for the APPA: Leadership in Educational Facilities professional association
COMMON APPLICATION INC	\$5,775	Annual membership dues for the Common Application (allows prospective students to use a common application supported by over 750 institutions)
CHINESE & AMERICAN FRIENDSHIP ASSN OF ME	\$5,739	Grant-funded sponsorship of Chinese New Year and Moon Festival events for USM
CITI PROGRAM A DIVISION OF BRANY	\$5,650	Annual subscription for the CITI Program for research ethics and compliance training
BANGOR AREA STORM WATER GRP	\$5,600	Annual membership in the Bangor Area Storm Water Group for UM and UMA. The group's mission is to use public education and sound science to improve regional water quality through collaborative storm water management in the Greater Bangor Urbanized Areas.
SEA GRANT ASSN	\$5,500	Grant-funded membership for the Sea Grant Association
NATIONAL ASSN STUDENT FINANC AID ADMINS	\$5,475	Annual membership dues for the National Association of Student Financial Aid Administrators
GIRAFFE EVENTS LLC	\$5,450	Grant-funded sponsorship of the 2019 New England Made Giftware & Specialty Food Show by the Maine Small Business Development Center at USM
ASSOCIATION OF GOV BOARDS OF UNIV & COLL	\$5,395	Annual membership dues for the Association of Governing Boards of Universities and Colleges

Payee	Amount	Description
AMERICAN SCTY FOR ENGINEERING	\$5,372	Annual membership dues for the American Society for Engineering Education
COUNCIL FOR HIGHER EDUC ACCREDITATION	\$5,270	Annual membership for the Council for Higher Education Accreditation
MASSACHUSETTS HISTORICAL SOCIETY	\$5,000	Grant-funded sponsorship of Regional Fellowship Consortium for the Osher Map Library at USM
INDIANA UNIV	\$4,900	Membership for the Research and Education Networking Information Sharing and Analysis Center for UMS
PINE TREE ADMISSION CONSORTIUM	\$4,800	Annual membership dues for the Pine Tree Admission Consortium for UMF and UM
ASSOCIATION OF NATL ESTUARY PROGRAMS	\$4,500	Grant-funded annual membership dues in the Association of National Estuary Programs
NEW ENGLAND HOCKEY CONFERENCE	\$4,500	Annual membership for the New England Hockey Conference (League) for USM
BANGOR REGION CHAMBER OF COMMERCE	\$4,463	Annual membership dues and sponsorship for the Bangor Region Chamber of Commerce
COUNCIL ON UNDERGRADUATE RESEARCH	\$4,410	Annual membership for the Council on Undergraduate Research
AACRAO	\$4,370	Annual membership dues to the American Association of Collegiate Registrars and Admissions Officers
AAC AND U	\$4,220	Annual membership in the Association of American Colleges and Universities
BOWDOIN COLLEGE	\$4,000	Sponsorship of program development award for "Linking ecological and social resilience in coastal communities"
DOWNEAST INSTITUTE	\$4,000	Sponsorship of soft shell clam research project
HURRICANE ISLAND FNDTN	\$4,000	Grant-funded program development sponsorship for "A tagging study to understand sea scallop growth and movement in the lower Penobscot Bay"
MAINE ENGINEERING PROMOTIONAL CNCL	\$4,000	Sponsorship of Engineering Week
MAINE STATE CHAMBER OF COMMERCE	\$3,975	Annual membership dues for Maine State Chamber of Commerce and sponsorship of Annual Meeting
UNIV OF LAPLAND	\$3,905	Annual membership for University of the Arctic for which the University of Lapland is fiscal agent

Payee	Amount	Description
CACREP	\$3,875	Annual membership for the Council for Accreditation of Counseling and Related Educational Programs
UNIQUE VENUES	\$3,775	Annual membership for Unique Venues service for UM Conferences and Institutes department
NATIONAL ASSN OF UNIV FOREST RSRCS PROGS	\$3,721	Annual membership dues for the National Association of Forest Resources Programs
IACBE	\$3,400	Annual membership dues for the International Accreditation Council for Business Education for UMFK
UNIV PROFESSIONAL & CONTINUING EDUC ASSN	\$3,400	Grant-funded annual membership dues for the Northeastern Regional Association of State Agricultural Experiment Station Directors operated by University of Rhode Island
NATIONAL ASSN OF COLLEGE & UNIV ATTRNYS	\$3,350	Annual membership dues for the National Association of College and University Attorneys for UMS
ACADEMYHEALTH	\$3,275	Annual membership dues to AcademyHealth. AcademyHealth is a nonpartisan, nonprofit professional organization dedicated to advancing the fields of health services research and health policy.
COMPANSOL	\$3,180	Grant-funded annual membership fees for databases in support of the Upward Bound and TRiO programs
VISIT PORTLAND	\$3,168	Annual membership for Visit Portland for USM
NERCOMP INC	\$3,096	Annual membership dues for the Northeast Regional Computing Program, the regional affiliate of EDUCAUSE and an association of IT professionals in New England
AMERICAN BAR ASSN	\$3,080	Annual membership in the American Bar Association
NACDA	\$3,025	Annual membership dues for the National Association of Collegiate Directors of Athletics for UM and UMF Athletics
NATL NETWORK OF PUBLIC HEALTH INSTS INC	\$3,000	Membership in the National Network of Public Health Institutes
NEW ENGLAND COUNCIL INC	\$3,000	Annual membership for the New England Council
NATIONAL LEAGUE FOR NURSING	\$2,966	Annual membership dues for the National League for Nursing for UMA and USM

Payee	Amount	Description
COMMONWEALTH OF MASSACHUSETTS	\$2,945	Annual access to the Massachusetts Centralized Clinical Placement System for the UMFK Nursing program
NIRSA	\$2,935	Annual membership dues for the NIRSA: Leaders in Collegiate Recreation (National Intramural-Recreational Sports Association) for UMF, UM
COALITION OF URBAN & METROPOLITAN UNIVS	\$2,900	Annual membership in the Coalition of Urban & Metropolitan Universities for USM
NATIONAL ASSN COLLEGE ADMISSION COUNSEL	\$2,870	Annual membership dues for the National Association of Admissions Counselors for UMF, UMM, UM, UMPI
COMPUTING RESEARCH ASSN	\$2,860	Annual membership in the Computing Research Association for UM
NAFSA WEB	\$2,815	Annual membership for NAFSA: Association of International Educators
MAINE PUBLIC HEALTH ASSN	\$2,780	Annual membership Dues for the Maine Public Health Association
EASTERN COLLEGE ATHLETIC CONF INC	\$2,600	Annual membership dues for the Eastern College Athletic Association for UM Athletics
WATERVILLE COUNTRY CLUB INC	\$2,540	Annual membership dues for home course for UMF Golf Team
ASSOCIATION OF SMALL BUSINESS DEV CTR	\$2,500	Grant-funded annual membership dues for the Association of Small Business Development Centers for USM
BIDDEFORD SACO CHAMBER OF COMMERCE & IND	\$2,500	Annual membership for the Biddeford Saco Chamber of Commerce and Industry
CREATIVE PORTLAND	\$2,500	Sponsorship of the 2020 Hear Here Concert for USM
MAINE OUTDOOR BRANDS	\$2,500	Grant-funded sponsorship of Maine Outdoor Brands Summit
NATIONAL HISTORY DAY INC	\$2,500	Annual State Fee for the National History Day organization for the Margaret Chase Smith Library UM
OHIO STATE UNIV	\$2,500	Annual membership for the Higher Education Center for Alcohol and Drug Misuse Prevention and Recovery for which Ohio State is fiscal agent
ADHA	\$2,405	Annual membership in the American Dental Hygienists' Association

Payee	Amount	Description
PORTLAND REGIONAL CHAMBER	\$2,404	Annual membership dues for the Portland Regional Chamber for USM
COLLEGE BOARD	\$2,400	Annual memberships for the College Board
NEW ENGLAND DIV III XC TRACK & FIELD ASN	\$2,400	Annual membership for the New England Division III Cross Country Track and Field Association (League) for UMF, USM and UMPI
NASM	\$2,272	Annual membership in the National Association of Schools of Music for UM and USM
COWORKHERS LLC	\$2,250	Annual membership in co-working space for the USM International Programs
SUGARLOAF MTN CORP	\$2,250	Grant-funded sponsorship of Sugarloaf Charity Summit
4 DISTINCTIONS LLC	\$2,160	Annual membership in the Colleges of Distinction program for UMPI
MUSKIE FUND FOR LEGAL SVCS	\$2,100	Sponsorship of Access to Justice Award
MAINE YOUTH CAMPING FNDTN	\$2,054	Membership dues for the Maine Youth Camping Foundation for UM for the Bryant Pond and Tanglewood 4H Camps
US TRACK & FIELD CRS CNTRY COACHES ASSN	\$2,025	Annual membership dues for the U.S. Track & Field and Cross Country Coaches Association for UM and USM
ACCED I	\$2,000	Annual membership in the Association of Collegiate Conference and Events Directors - International
EQUAL JUSTICE WORKS	\$2,000	Annual membership for the Equal Justice Works for the Maine Law School
GULF OF MAINE RESEARCH INST	\$2,000	Sponsorship of the Gulf of Maine 2050 International Symposium
LITERACY VOLUNTEERS OF BANGOR	\$2,000	Grant-funded annual sponsorship of the Literacy Tea hosted by the Literacy Volunteers of Bangor for UM
NE INTERCOLLEGIATE AMATEUR ATHLETIC ASSN	\$2,000	Annual membership dues for the Northeast Intercollegiate Amateur Athletic Association
UCGIS	\$2,000	Grant-funded annual membership dues for University Consortium for Geographic Information Science
AMERICAN ASSN OF LAW LIBRARIES	\$1,963	Annual membership dues for the American Association of Law Libraries

Payee	Amount	Description
NATA	\$1,916	Annual membership dues for the Network for the Advancement of Patient Blood Management, Hemostasis and Thrombosis for UMF, UMFk, UM, USM
HIGHER EDUC USER GROUP INC	\$1,900	Annual membership dues for the Higher Education Users Group - a professional association for users of Oracle-based information systems
NATIONAL ASSN OF MARINE LABORATORIES	\$1,900	Annual membership for the National Association of Marine Laboratories
COLLEGE OF THE ATLANTIC	\$1,890	Grant-funded program development sponsorship for the "Lobster Gangs of Maine in a Changing Fishery" project
NASAD	\$1,771	Annual membership in the National Association of Schools of Art & Design for UM and USM
AMERICAN FOLK FESTIVAL	\$1,750	Celebrate Maine 2019 Sponsorship with the American Folk Festival
ONLINE LEARNING CONSORTIUM INC	\$1,700	Membership for the Online Learning Consortium
MITCHELL INST	\$1,666	Shared table sponsorship for Mitchell Institute 2019 Fall Gala for UM and USM
INTERNATIONAL SCTY FOR TECH IN EDUC	\$1,600	Annual membership for the International Society for Technology in Education
NATIONAL ORG OF NURSE PRACTITIONER FACS	\$1,595	Annual membership in the National Organization of Nurse Practitioner Faculties for UM and USM
NACAS	\$1,560	Annual membership for National Association of College Auxiliary Services
COLBY COLLEGE	\$1,550	Annual membership in the Maine Concussion Management Initiative for UM and UMFk
ASSN OF CHIEF ACADEMIC OFCRS	\$1,500	Annual membership in the Association of Chief Academic Officers
AWP	\$1,500	Annual membership for the Association of Writers & Writing Programs
CBENETWORK	\$1,500	Annual membership for the Competency-Based Education Network
NACDEP	\$1,500	Annual membership for the National Association of Community Development Extension Professionals

Payee	Amount	Description
TRUSTEES OF PHILLIPS ACADEMY	\$1,500	Membership for the Institute for Recruitment of Teachers for which Phillips is fiscal agent
KENNEBEC VALLEY CHAMBER	\$1,444	Annual membership dues for the Kennebec Valley Chamber of Commerce for UMA
AVIATION ACCREDITATION BOARD INTRNTL	\$1,420	Annual membership dues for the Aviation Accreditation Board International for UMA
NATIONAL COLLEGE ACCESS NETWORK	\$1,410	Annual membership for National College Access Network
MAINE SUMMER CAMPS	\$1,405	Annual membership in Maine Summer Camps
HIGHER EDUC CONSORTIUM FOR SPE	\$1,400	Annual membership for the Higher Education Consortium for Special Education
AMERICAN MATHEMATICAL SCTY	\$1,356	Annual membership dues for the American Mathematical Society
CENTRAL LINCOLN COUNTY YMCA	\$1,352	Annual membership dues for YMCA memberships for students at the UM Darling Marine Center in Walpole
MAINE EDUCL OPPORTUNITY ASSN	\$1,350	Annual membership dues for the Maine Educational Opportunity Association; Sponsorship of the association's annual meeting
NATIONAL STUDENT EXCHANGE INC	\$1,350	Annual membership for National Student Exchange
AM SOC BREWING CHEM	\$1,319	Annual membership in the American Society of Brewing Chemists
AASHE	\$1,280	Annual membership dues to the Association for the Advancement of Sustainability in Higher Education
NATL ASSOC OF EDUCATIONAL PROCUREMENT	\$1,275	Membership in the National Association of Educational Procurement
NASH	\$1,261	Annual membership for National Association of System Heads
CCAS	\$1,260	Annual membership for the Council of Colleges of Arts and Sciences
AHEAD	\$1,255	Annual membership in the Association on Higher Education and Disability
UNIV OF NEW ENGLAND	\$1,225	Sponsorship for the Maine Geriatrics Conference
EDWARD T GIGNOUX INN OF COURT	\$1,200	Annual membership in the Edward T Gignoux Inn of Court for the Maine Law School

Payee	Amount	Description
KENNEBEC VALLEY CMNTY ACTION PRGRM	\$1,200	Grant-funded sponsorship of mini-grant for Preschool Curriculum Development
NATL ASSN OF DEANS & DIRECS SCHLS SCL WK	\$1,200	Annual membership for the National Association of Deans & Directors of Schools of Social Work
NALP	\$1,165	Annual membership dues for the National Association for Law Placement for the Maine Law School
INTRNATIONAL DISTRICT ENERGY A	\$1,125	Annual membership dues for the International District Energy Association for UM
NASPA STUDENT AFFAIRS ADMINS IN HIGH EDU	\$1,101	Annual membership dues for NASPA - Student Affairs Administrators in Higher Education for UMA, UM and USM.
NATIONAL ASSN OF COLLEGES & EMPLOYERS	\$1,100	Annual membership dues for the National Association of Colleges and Employers
IUFRO	\$1,078	Annual membership for the International Union of Forest Research Organizations
MACHIAS BAY AREA CHAMBER OF COMMERCE	\$1,075	Annual membership dues for the Machias Bay Area Chamber of Commerce for UMM
NATIONAL RURAL HEALTH	\$1,060	Grant-funded annual membership for National Rural Health Association
NATIONAL ATHLETIC TRAINERS ASSN	\$1,016	Annual membership in the National Athletic Trainers Association
NACA	\$1,010	Annual membership dues for the National Association of Campus Activities for UMM, UM and USM.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Interim Financing Update

INITIATED BY: James Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

Section 712 Debt Policy

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

The University of Maine System (UMS) engaged its financial advisor, Public Financial Management (PFM), to assist with a Request for Proposals from qualified financial institutions to provide interim debt financing (the “Financing”) to fund capital needs prior to revenue bonding that will later be issued by the UMS or prior to the receipt of revenues such as gifts or State capital appropriations.

The System anticipates using the contemplated Financing(s) to provide funding for approximately \$65 million of capital projects. The total principal amount of the proposed Financing will be approximately \$43 million disbursed over a one-year period and then substantially refinanced with long-term bonds and then another \$22 million disbursed over the following year and substantially refinanced with another long-term bond.

The System anticipates using the proceeds from Financing for construction period costs related to the University of Southern Maine’s (USM’s) residential hall (Portland Commons), USM’s parking garage, a portion of construction costs for the University of Maine’s (UM’s) Ferland Engineering Education and Design Center, and potentially a portion of Phase II costs related to the UM Energy Center (UMEC).

The Financing will be a general obligation of the UMS on parity with the existing debt which is payable solely from available revenue of the UMS. The term of the Financing will be up to three years. As noted above, the System expects to refinance this Financing with future long-term bond issuances during calendar years 2022 and 2023.

Two types of financing arrangements are being explored:

- (1) A fully funded loan at closing and
- (2) A draw down line of credit.

RFP responses are due back on January 6th. PFM and System staff will evaluate the responses and bring a recommendation forward to the Board for approval. The UMS plans to close the Financing(s) on or about March 2021. Subsequent to closing the initial Financing(s), the UMS may request (subject to additional credit approval from the selected financing provider(s) and subject to additional Board approval) to extend additional Financing(s) as other capital projects come forward.

12/22/2020

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Chancellor's Task Force on Vaccine Planning & Partnership Briefing, UMS

INITIATED BY: James O. Donnelly, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

Chancellor Dannel Malloy appointed a Vaccine Planning and Partnership Task Force on December 14, 2020 to coordinate and report on the work underway across the campuses to plan for and support the distribution of vaccines for COVID-19. The task force is charged with expanding and facilitating the use of university resources to assist with vaccine distribution, recommending needed changes to UMS immunization requirements, and contributing to student and public awareness about the efficacy and safety of FDA-approved vaccines.

The Chancellor's Task Force on Vaccine Planning and Partnership will brief the Board of Trustees Finance, Facilities, and Technology Committee at its January 6, 2021 meeting and outline a work plan to the Board of Trustees on January 25, 2021. The task force will be led by:

- University of Maine President Joan Ferrini-Mundy, Chair
- UMS Chief of Staff and General Counsel James Thelen
- UMS Chief Facilities Management and General Services Officer Chip Gavin
- UMS Executive Director of Public Affairs Dan Demeritt

The task force is engaging with university scientists, nursing and public health program leaders, academic and student affairs leadership, communicators, and facilities and emergency response team members.

1/5/2021