

Board of Trustees

Finance, Facilities & Technology Committee

August 28, 2024 – 9:00 am to 12:00 pm

Zoom Meeting – No Physical Location Available

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 – 9:05am | Call the meeting to order and Roll Call |
| 9:05am – 10:05am | <u>EXECUTIVE SESSION</u>
The Finance, Facilities, & Technology Committee will enter Executive Session under the provision of: 1 MRSA Section 405 6-C |
| 10:05am – 10:15am
TAB 1 | Maine Graduate and Professional Center (“The Maine Center”) Building Renovations |
| 10:15am – 10:20am
TAB 2 | Sustainable Aquaculture Workforce and Innovation Center (SAWIC), UM |
| 10:20am – 10:25am
TAB 3 | Boudreau Hall Renovations Authorization Increase, UM |
| 10:25am – 10:30am
TAB 4 | Budget increase for Mallett Hall Renovation Project, UMF |
| 10:30am – 10:35am
TAB 5 | Budget increase – E-Sports Arena Construction in Lower Brooks Dining Hall, USM |
| 10:35am – 10:45am
TAB 6 | Kelley Commons Boiler Replacement, UMPI |
| 10:45am – 10:55am
TAB 7 | UMS Reserve Policy Update |
| 10:55am – 11:15am
TAB 8 | IT Project Updates |
| 11:15am - 11:20am
TAB 9 | FY25 Finance, Facilities and Technology Committee Work Plan |
| 11:20am – 11:40am
TAB 10 | UMaine Research Funding and All Funds Overview Presentation, UM |

11:40am – 12:00pm

TAB 11

Offsite Locations Presentation, UM

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: Maine Graduate and Professional Center (“The Maine Center”) Building Renovations

CAMPUS PRESENTER(S): Seth Goodall, CEO, Maine Center Ventures, and Executive Director, The Maine Center

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY: Board Policy 701, Operating and Capital

UNIFIED ACCREDITATION CONNECTION:

The Maine Center is focused on supporting multiple universities and academic programs by creating a center that fosters collaboration among students, faculty, staff, and the community with statewide impact.

UMS STRATEGIC PLAN CONNECTION:

The Maine Graduate and Professional Center (“The Maine Center”) building renovations connects directly with multi components of the UMS Strategic Plan, including but not limited to:

- Commitment 1, Research Actions, Action 1: UMS will further establish and invest in system-wide infrastructure to grow the research and development enterprise at our universities
- Commitment 2, Effective Academic Portfolio Actions, Action 1: Develop innovative programs and curricula responsive to changing economic and workforce needs, data-driven projections of growth areas, and technological innovation.
- Commitment 5, Unified Accreditation Actions, Action 2: UMS will support the development of new multi-university academic programs.

BACKGROUND:

a. Summary:

The Maine Center is seeking approval to spend \$650,000 from existing UMS Capital Improvement Funds (CIF) to launch design work, renovations and needed capital improvements at the Maine Center in Portland, Maine. The Maine Center expanded from 300 Fore Street into 7 Custom House Street in the end of 2023. Significant renovations are required at 7 Custom House and additional capital expenditures remain in 300 Fore Street

and/or are required to connect both buildings. Design and engineering work must be completed to identify priorities, costs and sequencing of construction due to the building's condition and it being occupied. The requested funds will pay for the initial phase of design, engineering and immediate capital improvements. The Maine Center will return to the BOT for additional approvals for future phases of construction and capital improvements once the project design is complete and the construction schedule is determined.

b. Overall requested budget and funding source(s).

\$650,000 from CIF. There is currently approximately \$6.1M available in CIF earmarked for the Maine Center. This request will draw down these funds. This project is also supported by \$2.4M in Congressionally Directed Spending that has been approved and will be released by the U.S. Small Business Administration to UMS for the Maine Center on October 1, 2024, resulting in approximately \$8.5M total for improvements. The overall budget will be determined once the design and engineering phase is complete and estimates of costs are assigned. Additional fundraising is anticipated for future phases of construction and improvements to the Maine Center.

c. Is the project included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees? Yes.

d. Detailed explanation of rationale for project and metrics for success of the project:

The primary rationale for this project is based on the \$55M commitment from the Harold Alfond Foundation (HAF) to the Maine Center as part of UMS TRANSFORMS. The HAF grant includes \$40M to purchase the buildings at 300 Fore Street and 7 Custom House Street, and \$15M for faculty, scholarship and programming. The HAF grant does not provide funds for capital improvements. Funding for improvements to "facilities and infrastructure" under the HAF grant are specifically the responsibility of UMS through qualified "match" of at least \$30M. To date, approximately \$20.5M has been raised and/or spent on "facilities and infrastructure".

The \$650,000 funding request will enable the design and engineering work, along with necessary immediate capital improvements, to be begin at 7 Custom House Street so that the buildings are renovated in line with the co-vision of the donor and UMS.

The secondary rationale is that this expense will help expedite the planning, design and, ultimately, renovation of 7 Custom House Street so that the Maine Center will become a hub of interdisciplinary graduate education, professional development and executive education, entrepreneurship and innovation, and a center of convening in the state's commercial hub.

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

The scope and substance of the project tie to the UMS Strategic Plan and UMS TRANSFORMS as above mentioned, while also elevating UMS' role in the innovation economy and responsiveness to the emerging needs of state and its workforce. This phase of

the project will begin the process to expand the Maine Center into a world-class facility that hosts industry and community partners, provides entrepreneurial and workforce solutions, and advances R&D activity, especially from UMS' flagship and RI university – the University of Maine.

f. Changes, if any, in net square footage or ongoing operating costs resulting from the project.

No net square footage changes. Increased operating costs resulting from renovated floors becoming available will be supported by additional revenue sources composing funding from UMS Strategic Building Funds, revenue from membership fees, and allocations from each university participating in the Maine Center programming, amongst other sources.

g. Alternatives that were considered to meet the need being addressed by this project.
None.

h. Project Timeline for: 1. Start 2. Occupancy and 3. Completion

The Maine Center has already begun occupancy on one of the four available floors at 7 Custom House. This work will not result in additional occupancy but will enable design and engineering work for construction to begin in first half of 2025 with additional floors being occupied in 2025 and 2026. Full occupancy of 7 Custom House will occur upon completion of the construction.

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.

It is anticipated the Maine Center will return to FFT and BOT in first half of 2025 with a completed design and project costs for one or more phases of construction. Since this is a renovation, it is anticipated that construction and capital improvements will occur on a rolling basis for 3 or more years. It is anticipated the timeline will ultimately be forecasted once the design and engineering phase is completed this fall.

j. Additional information that may be useful to consideration of the item.

Note: For items over \$5M, indicate when the item was originally presented as an information item.

See accompanying presentation for the FFT Committee on the Maine Center Building dated August 28, 2024.

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 September 15-16, 2024, 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 Maine Center, to expend \$650,000 for design, planning and limited renovations and capital improvements at the Maine Center in Portland, Maine.

Attachment

[Maine Center Building Overview for FFT 8.28.24](#)

The Maine Graduate and Professional Center (The Maine Center) **An Overview of the Timeline and Building Renovation Plan**

August 28, 2024

Seth Goodall, CEO, Maine Center Ventures, and Executive Director, The Maine Center

The Maine Center is a graduate education and innovation hub in downtown Portland with statewide impact.

The Maine Center consists of two buildings located at 300 Fore Street and 7 Custom House Street. 300 Fore Street was opened in January 2023 and UMS acquired rights to 7 Custom House Street in the summer of 2023. UMS is now pursuing the design phase of renovating 7 Custom House Street and expanding connections between the two buildings, which will result in a world-class interdisciplinary graduate center and innovation hub focused on four key areas:



1 Core Interdisciplinary Graduate Degrees & Programs

- Maine Graduate School of Business – *MaineMBA*
- University of Maine School of Law – *JD*
- USM's Muskie School of Public Service – *MPPM & MPH*
- Maine College of Engineering & Computing – *Programming*

2 Professional Development & Executive Education

- Interdisciplinary and responsive to industry
- Collaborations to address Maine's workforce
- Leadership development

3 Hub of Entrepreneurship & Innovation

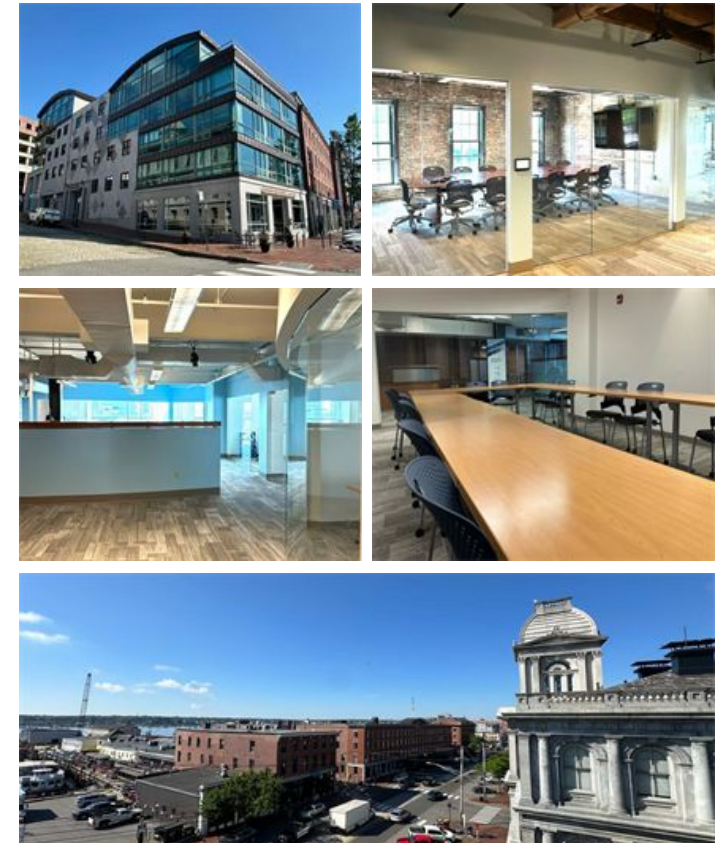
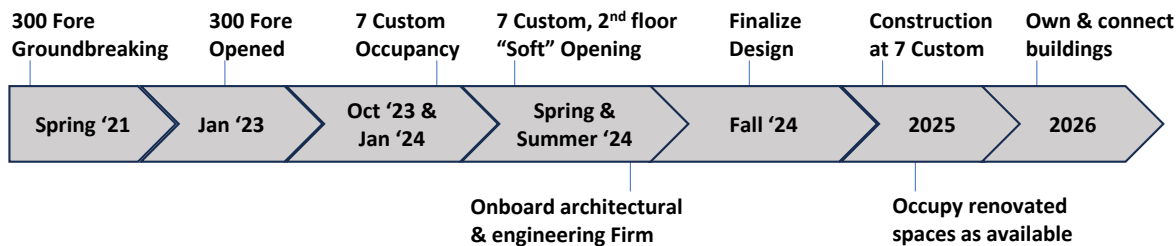
- Innovation resource center supporting entrepreneurs and commercialization
- Advancing economic development and R&D

4 Center of Convening & Knowledge Sharing

- Convenings to address Maine's defining challenges
- Host events, scholars and leaders to establish the Center as leading voice

The Maine Center Building: Bringing together two buildings for a hub of academics & innovation.

Creating “One” Signature Maine Center Building			
300 Fore Street		7 Custom House*	
Square Footage	63,000	Square Footage	67,000
Floors	6	Floors	5
Interior Renovation	\$13.8M	Interior Renovation	TBD*
Opened	January 2023	Opened	Rolling basis, beginning in spring 2024
Primary Focus	Graduate Center <ul style="list-style-type: none"> Graduate School of Business Maine Law Muskie School 	Primary Focus	Innovation Hub <ul style="list-style-type: none"> Entrepreneurship, R&D Engineering Convening & Collaboration
Purchase	\$17M in Fall 2026	Purchase	\$20M in Summer 2026

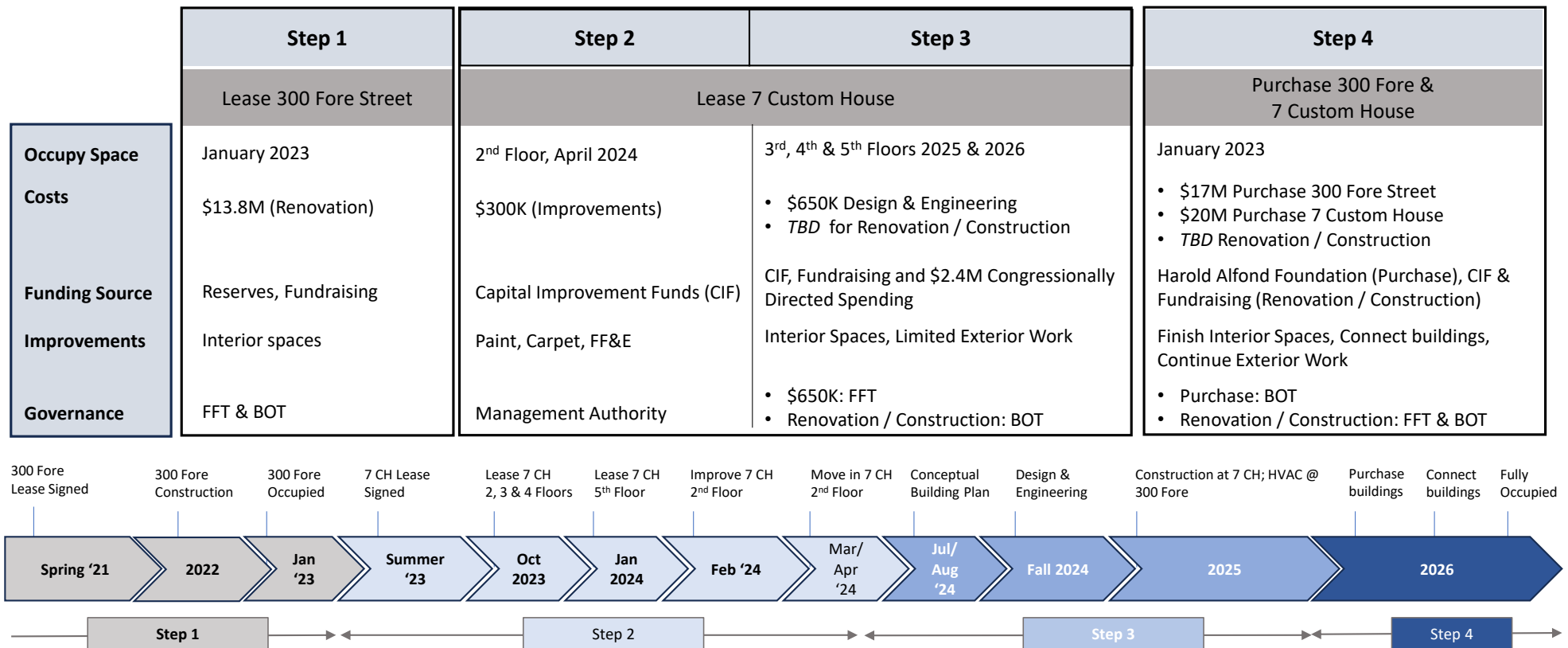


Photos of 7 Custom House, including view from balcony.

*Renovation cost estimates will be finalized latter this year or early in 2025. Costs will be greater than \$5M requiring Board of Trustees approval. Currently, approximately \$8.5M is available through \$6.1M Capital Improvement Funds and \$2.4 in Congressionally Directed Spending.

Projected timeline covering the development of the Maine Center Buildings*.

Renovating the Maine Center entails multiple steps that began with improvements to 300 Fore Street. Work is now transitioning to the design phase at 7 Custom House. Interior renovations are forecasted to be completed in 2026 after the buildings are purchased with the funding commitment generously provided by the Harold Alfond Foundation.



The Maine Center is seeking approval from FFT to commence planning and design at 7 Custom House.

FUNDING REQUEST SUMMARY

Seeking approval to spend \$650,000 from existing UMS Capital Improvement Funds.

- Funding will launch design work, limited renovations and needed capital improvements at the Maine Center in Portland.
- Design and engineering work must be completed primarily on 7 Custom House to identify priorities, costs and sequencing of future construction.
- The requested funds will pay for the initial phase of design, engineering and immediate capital improvements.
- The Maine Center will return to the BOT for additional approvals for future phases of construction and capital improvements once the project design is complete and a preliminary construction scheduled is determined.

PROPOSED RESOLUTION

That the Board of Trustees acting through the Finance, Facilities, and Technology Committee, authorizes the University of Maine System, acting through the Maine Center, to expend \$650,000 for design, planning and limited renovations and capital improvements at the Maine Center in Portland, Maine.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Sustainable Aquaculture Workforce and Innovation Center (SAWIC), UM

CAMPUS PRESENTER(S): Joan Ferrini-Mundy, President and Vice Chancellor for Research & Innovation; Kelly Sparks, Vice President for Finance and Administration & Chief Business Officer

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

701 - Budgets, Operating & Capital

UNIFIED ACCREDITATION CONNECTION:

The Sustainable Aquaculture Workforce and Innovation Center (SAWIC) at the University of Maine directly supports NECHE Standard 6.20: “Consistent with its mission and purposes, the institution provides support for scholarship, research, and creative activities. Faculty and students undertake research to an extent reflective of the level and nature of the degrees awarded. Policies and procedures related to research are communicated throughout the institution.” This project aligns with the unified accreditation principles outlined for the University of Maine System by fostering collaboration and integration among the system's universities. It does not involve merging or closing campuses and programs but enhances collaborative efforts across academic and scholarship programs focused on aquaculture.

UMS STRATEGIC PLAN CONNECTION:

The Sustainable Aquaculture Workforce and Innovation Center (SAWIC) at the University of Maine supports Research Action 1, “UMS will further establish and invest in system-wide infrastructure to grow the research and development enterprise at our universities,” and Research Action 2, “Develop and incentivize cross-university collaboration in research and scholarship to attract new learners engaging in faculty-mentored learning.” SAWIC will provide authentic research experiences to undergraduate and graduate students, align curricula with career needs, and offer diverse educational programs to ensure access for all learners. By creating new knowledge and applying innovative research, SAWIC aims to move products from concept to commercialization and produce graduates ready to contribute to the aquaculture sector's knowledge economy.

SAWIC also supports Research Action 4, “Serve as an engine for innovation for Maine businesses, non-profits, state, and local governments, communities, and the K-12 schools,” as growing and advancing partnerships is a core focus of SAWIC as it collaborates with stakeholders to address needs, innovate for the future, and align resources to expand opportunities for students and communities.

08/19/24

BACKGROUND:**a. Summary of the request**

The University of Maine System, acting through the University of Maine (UMaine), requests to increase the authorization to expend an additional \$9,565,000 for the construction and completion of an approximately 14,200 square foot facility to house Sustainable Aquaculture Workforce and Innovation Center (SAWIC). The Board of Trustees approved \$1.5 million in July of 2024 for the continued design of SAWIC; thus, this additional request would bring the total approval to expend up to \$11,065,000. This request is pursuant to Board policy 701, which requires Board approval for projects with a value of \$500,000 or greater.

b. Overall request budget and funding source(s):

Funding sources for the \$11,065,000 have been secured for SAWIC through multiple funding sources, outlined below.

- Maine Jobs & Recovery Plan (\$3,335,000), put forth by Governor Janet Mills and supported by the 130th Maine Legislature to invest in the state's share of the federal American Rescue Plan relief funds, including in the University of Maine System workforce development.
- Fiscal Year 2024 Congressionally Directed Spending (\$6,930,000) secured by U.S. Senator Susan Collins, Vice Chair of the Senate Appropriations Committee, and U.S. Senator Angus King.
- Additional funding includes:
 - Builders Initiative for \$300,000.
 - U.S. Department of Agriculture-Agricultural Research Service Non-Assistance Cooperative Agreement (USDA-ARS NACA) for \$350,000.
 - UMaine Cooperative Extension for \$50,000.
 - UMaine Office of Strategic Partnerships, Innovation, Resources, & Engagement (SPIRE) for \$50,000; and
 - UMaine Office of the Vice President for Research & Dean of the Graduate School (OVPRDGS) for \$50,000.

c. Is the project included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees?

This project is included in the 1-year capital plan most recently approved by the Trustees.

d. Detailed explanation of rationale for project and metrics for success of the project (ROI or other)

SAWIC is squarely aligned with the Comprehensive Economic Development Strategy (CEDS) for central and eastern Maine, where aquaculture is identified as a niche sector within the Emerging Innovation target industry cluster. The statewide Maine economic development strategy focuses on recruiting and training talent for opportunities in aquaculture and its "support services, such as fin fish vaccines, testing for exports, and veterinary support to grow ancillary economies." (p. 6).

SAWIC's impact can be further measured by various key performance indicators (KPIs) and impact metrics, including economic impact, return on investment, innovation and research impact, workforce development impact, and educational impact. Our focus areas revolve around promoting comprehensive training in aquaculture system operation for students and conducting innovative research to propel the aquaculture industry forward.

By analyzing these impact measurements, SAWIC can effectively demonstrate its progress, achievements, and contributions toward fostering sustainable and innovative practices in the aquaculture sector.

e. Explanation of the scope and substance of the project as needed to supplement (a) through (d) above. Note: scope includes an explanation of community impact, how the project ties to the University's mission, etc.

The structural scope includes design and detailing of a new structure to house an aquaculture teaching and research facility. The structure is expected to be a high-bay Pre-Engineered Metal Building (PEMB) that is approximately 80 ft. wide and 65 ft. long with a cast-in-place concrete foundation. A mechanical mezzanine is planned within the high-bay portion of the building, with a long edge along the exterior wall. A smaller portion of the building, approximately 45 ft. long and 80 ft. wide for classroom and office areas, is planned to be formed with a low roof; this portion of the structure may be framed with smaller PEBM bents or as a conventional wood frame. The total square footage is 14,200 sq ft with room for expansion to 20,000 sq. ft.

In line with our commitment to advancing aquaculture research and development in the state of Maine, SAWIC will feature innovative non-building equipment designed by Innovasea to support our core objectives. The equipment within SAWIC is strategically designed to cater to different life stages of fish, enabling optimal experimental designs and seamless integration into our educational programs.

In addition to supporting the UMS strategic plan as outlined above, ARI has existing programming that expands aquaculture education access to Indigenous students, supporting UMaine's Diversity, Equity, and Inclusion Initiatives including the USDA-funded Aquaculture Experiential Opportunities for Undergraduate Students and the Integrating Indigenous and Western Science through Applied Aquaculture (AquEOUS), a fellowship where students approach applied aquaculture research through traditional ecological knowledge. Faculty will also mentor fellows on the Orono campus using SAWIC systems. The SAWIC programming will also collaborate with Educate Maine's Equity in Internships Program (EQUIP), which works to remove barriers to experiential learning opportunities for black, Indigenous, and people of color (BIPOC) students.

f. Changes, if any, in net square footage or ongoing operating costs resulting from the project

The project includes approximately 14,200 square feet of additional space with room for expansion to 20,000 square feet. Operating costs will be paid primarily through indirect cost recovery from grants and industry services.

g. Alternatives that were considered to meet the need being addressed by this project

Alternative solutions included locating the research within existing facilities; however, due to the size of the fish tanks and special building systems, no existing facility could accommodate these needs.

h. Project Timeline for: 1. Start 2. Occupancy and 3. Completion

The project is currently under design, with anticipated construction to start in the fall of 2024, with completion and occupancy anticipated at the end of 2025 or early 2026.

- 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.**

N/A

- j. Additional information that may be useful to consideration of the item.**

The University previously housed similar research in the approximately 13,500-square-foot Aquaculture Research Center (ARC). ARC was one of the many barns on the south side of campus and utilized as a chicken barn. In 1970, the barn was renovated and became the Aquaculture Research Center. Over the next fifty years, the facility conducted countless aquaculture-related research activities. However, over those fifty years, the facility slowly deteriorated due to the high humidity of the aquaculture tanks. The facility closed in the fall of 2021, and in the spring of 2022, it was demolished. A rendering of the proposed facility is provided.

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 September 15-16, 2024, 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 Maine, to increase the authorization to expend an additional \$9,565,000 for a total expenditure of up to \$11,065,000 for the construction and completion of an approximately 14,200 square foot facility to house Sustainable Aquaculture Workforce and Innovation Center (SAWIC).

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Boudreau Hall Renovations Authorization Increase, UM

CAMPUS PRESENTER(S): Joan Ferrini-Mundy, President; Kelly Sparks, Vice President for Finance and Administration & Chief Business Officer

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

701 – Budgets, Operating & Capital

UNIFIED ACCREDITATION CONNECTION:

Boudreau Hall at the University of Maine houses the School of Policy and International Affairs, the Department of Political Science, and the Cohen Institute for Leadership and Public Service. Renovations to this space are consistent with NECHE’s standards for accreditation, including Standard Four (Academic Program) and Standard Five (Students). The Department of Political Science at UMaine offers an online B.A. in Political Science, with online courses available to students at any UMS campus. The Cohen Institute draws rising seniors from high schools across Maine to participate in their summer leadership program, offering credit within the UMS Early College program.

UMS STRATEGIC PLAN CONNECTION:

The two-story Boudreau Hall, one of the oldest buildings on campus, is part of the Stevens Hall complex. This renovation focuses on achieving Financial Sustainability Action 3, Goal 3.2: “Identify efficiencies in infrastructure, including optimizing the upkeep and use of primary classroom and lecture spaces, meeting and conference rooms, artistic/performance spaces, and public gathering spaces.” Improvements to light fixtures, HVAC, and furniture that enable more interactive learning experiences are being implemented.

This renovation also achieves Justice, Equity, Diversity, and Inclusion Action 3: “UMS and its universities will cultivate a safe and welcoming community and a genuine sense of belonging in our university and law school communities and throughout the System for all students, faculty, and staff.” Two gender-neutral bathrooms are added, with one being compliant with the Americans with Disabilities Act (ADA). These changes provide a greater sense of belonging and support while also maintaining the historical look and feel of the building.

BACKGROUND:

a. Summary of the request

The University of Maine System, acting through the University of Maine, requests to increase the authorization for the renovations of Boudreau Hall (formally North Stevens) by \$100,000 for a total of \$800,000. The Finance, Facilities & Technology Committee authorized the expenditure of \$700,000 for the renovations to Boudreau Hall at the March 1, 2023, meeting.

08/19/24

This request for additional funding is due to increased costs and unforeseen needs associated with renovations to the ninety-two-year-old building.

b. Overall requested budget and funding source(s):

The funding comes from two sources: \$700,000 from the donation to the University for naming the building from North Stevens Hall to Boudreau Hall and \$100,000 from university E&G.

c. Is the project included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees?

Yes, this project is included in the Master Plan and the 1-year capital plan.

d. Detailed explanation of rationale for project and metrics for success of the project (ROI or other)

No changes from prior Board authorization.

e. Explanation of the scope and substance of the project as needed to supplement (a) through (d) above. Note: scope includes an explanation of community impact, how the project ties to the University's mission, etc.

No changes from prior Board authorization.

f. Changes, if any, in net square footage or ongoing operating costs resulting from the project

No changes from prior Board authorization.

g. Alternatives that were considered to meet the need being addressed by this project

No changes from prior Board authorization.

h. Project Timeline for: 1. Start 2. Occupancy and 3. Completion

No changes from prior Board authorization.

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.

N/A

j. Additional information that may be useful to consideration of the item.

N/A

TEXT OF PROPOSED RESOLUTION:

That the Board of Trustees acting through the Finance, Facilities, and Technology Committee, authorizes the University of Maine System, acting through the University of Maine, to increase the authorization for the renovations of Boudreau Hall (formally North Stevens) by \$100,000 for a total of \$800,000.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Budget increase for Mallett Hall Renovation Project, UMF

CAMPUS PRESENTER(S): Laurie A. Gardner, CBO

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

701 – Budgets, Operating & Capital

UNIFIED ACCREDITATION CONNECTION:

N/A

UMS STRATEGIC PLAN CONNECTION:

Commitment 2, Goal 3.2: This project when complete, will support community, social, and educational activities by addressing the accessibility of the bathrooms, upgrading plumbing fixtures, and creating ADA accessibility in Mallett Hall.

BACKGROUND:

The University of Maine System, acting through the University of Maine at Farmington (UMF), requests authorization to increase the total project budget by \$500,000 to finish the renovation of Mallett Hall. This increase is requested due to unforeseen structural issues discovered during demolition.

a. Summary of the request

The University of Maine System, acting through the University of Maine at Farmington (UMF) requests authorization to increase the total project budget by \$500,000 to finish the renovation of Mallett Hall. This increase is requested due to unforeseen structural issues discovered during demolition.

b. Overall requested budget and funding source(s):

The original budget for this project received full board approval on July 10, 2023. The additional \$500,000 requested to complete this project is also funded through the state annual capital improvements commitment.

c. Is the project included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees? If not, please explain why.

This project is on the capital plan previously approved by the Trustees and is currently on the state annual capital improvements project list for UMF. This project transforms the bathrooms of one of our oldest residence halls into single users, moves the laundry from the basement to the first floor, and creates an ADA-accessible floor in the building.

08/19/24

d. Detailed explanation of rationale for project and metrics for success of the project (ROI or other)

Mallett Hall is one of UMF's oldest residence halls and houses 105 students. The increase in the project budget will allow the completion of the restroom renovation, bring the building up to code, and will reduce work orders for pre-renovation plumbing issues that were due to failing pipes.

e. Explanation of the scope and substance of the project as needed to supplement (a) through (d) above. Note: scope includes an explanation of community impact, how the project ties to the University's mission, etc.

The project increase allows for the replacement of failing structural floor joists found during the demo of existing restrooms; the project removes all existing plumbing infrastructure throughout the building, removes existing restroom floor joists, and configures the layout to allow single-user resulting in a better use of the space. It also makes all first-floor areas ADA-compliant.

f. Changes, if any, in net square footage or ongoing operating costs resulting from the project

This project will not reduce square footage but will create savings by reducing the work orders generated from the building due to failing plumbing infrastructure. It will also capture energy savings from the installation of new equipment that is energy efficient and matches our ongoing ESCO project on campus.

g. Alternatives that were considered to meet the need being addressed by this project

The \$500,000 budget increase is due to unforeseen structural deficiencies underneath the subfloor and from past renovations in the building leaving the floor joist compromised and not meeting code. Replacement is necessary to continue moving the project forward to reach our opening goal for the Fall 2025 move-in.

h. Project Timeline for: 1. Start 2. Occupancy and 3. Completion

Approval of the project budget increase will allow the construction to be completed by April 26, 2025, to house students for the Fall 2025 school year.

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.

No further funding requests are anticipated; this funding is needed to complete the project.

j. Additional information that may be useful to consideration of the item.

Note: For items over \$5M, indicate when the item was originally presented as an information item.

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 September 15-16, 2024, 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 Maine at Farmington to increase the construction budget up to \$500,000

08/19/24

making the total project budget \$3,200,000 to renovate the restrooms and replace the failing plumbing infrastructure at Mallett Hall.

08/19/24

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

5

NAME OF ITEM: Budget Increase - E-Sports Arena Construction in Lower Brooks Dining Hall, USM

CAMPUS PRESENTER(S): Dr. Jacqueline Edmondson, President; Justin Swift, Chief Business Officer and Vice President for Finance & Administration

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

701 – Budgets, Operating & Capital

UNIFIED ACCREDITATION CONNECTION: N/A

UMS STRATEGIC PLAN CONNECTION:

Commitment 4; Goal 3.2: Support community social and cultural gatherings and events to promote collegiality, fun, and a sense of institutional affiliation. This project, when complete, will provide a space for students, especially those in the club sport team which makes up approximately 100 students and continues to grow. This activity fosters belonging, interaction, and community among students. Not only does this enhance the space and utilization of this space, but also through community building and establishing belonging, increases student retention.

BACKGROUND:

a. Summary of the request

The University of Maine acting through the University of Southern Maine (USM) requests a budget increase from \$750,000 to \$1,625,000 for the renovation of space in lower area of the Brooks Dining Hall on the Gorham campus for a E-Sports Arena to support the growing club sport team which makes up approximately 100 students. This project was originally approved by the Finance, Facilities, and Technology Committee at a budget of \$750,000 at their January 2024 meeting. After bidding this out, the project was significantly over budget. The University redesigned the space and hired a construction estimator to further refine the project cost.

This resolution also enables USM to enter into an internal loan with UMS to cover the additional project costs while the USM Foundation raises the funds over a three-year period. USM requests an internal loan of \$875,000 to fund those costs that will be reimbursed when philanthropy funds are raised.

The renovation includes new flooring, HVAC upgrades, FF&E, computer, and console gaming spaces for approximately 18 personal computer (PC) players and 6 console players with seating to host up to 24 players and spectators.

08/19/24

b. Overall requested budget and funding source:

This request is pursuant to Board of Trustees 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 Committee's recommendation will be forwarded to the Full Board for consideration.

The project budget is estimated at \$1,625,000. The funding for the budget increase will come from an internal System loan in the amount of \$875,000 paid back with philanthropy funds over a three-year term. University would reallocate E&G funds from FY26 and later if the USM Foundation does not meet their projected fundraising.

c. Confirmation of whether the project was included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees.

N/A

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

The E Sports team is growing and competing in tournaments. The renovation and addition of state-of-the-art equipment will help with retention and overall student experience at USM. The possibility of state championships being held at USM in the future is also a possibility - bringing future USM students to campus.

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

Currently students are competing in tournaments from their dorm rooms. The addition of this arena will improve the overall experience on campus and allow the e-sports team to be competitive with other Universities in their division.

f. Changes, if any, in net square footage or ongoing operating costs resulting from the project:

No change in net square footage. There will be an increase in electrical usage for the space because of the upgraded HVAC and computer stations needed for an E-sports arena.

g. Budget for the project and further elaboration on funding source and selection as needed to supplement (b) above):

N/A

h. Alternatives that were considered to meet the need being addressed by this project:

The alternative was to use E&G Capital funding which would have taken away from deferred maintenance for other projects. This project is possible because of gift funds received specifically for this project from a donor. The campus also expects improvements to student recruitment and

08/19/24

retention because of this project. In the unlikely event philanthropy funding falls short, the campus is committed to directing revenue from any enrollment increases to ensuring the debt service payments for the project are fulfilled. One-half percent increase in enrollment will cover the estimated full annual debt service.

i. Timeline for start, occupancy, and completion:

Design completed in July 2024. Construction starts Fall 2024, with occupancy in August 2025.

j. 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.

N/A

k. Additional information that may be useful to consideration of the item.

N/A

TEXT OF PROPOSED RESOLUTION:

That the Finance, Facilities and Technology Committee, approves the following resolution to be forwarded for consideration at the September 15-16, 2024, 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 budget from \$750,000 to \$1,625,000 to be funded through a UMS loan of up to \$875,000 for the renovation of the lower area of the Brooks Dining Area for an E-Sports Arena located on the Gorham campus of the University of Southern Maine.

08/19/24

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

6

NAME OF ITEM: Kelley Commons Boiler Replacement

CAMPUS PRESENTER: President Raymond Rice and Betsy Sawhill Espe, CBO

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION:

BOARD ACTION: X

BOARD POLICY:

Board of Trustees Policy 701, Budgets, Operating & Capital

UNIFIED ACCREDITATION CONNECTION:

The University of Maine System and all the University members are committed to our oversight and support of the facilities on our campuses. Whether as an element of our annual budget or as a specially funded capital project, the University of Maine at Presque Isle is committed to addressing the needs and requirements in all our buildings.

UMS STRATEGIC PLAN CONNECTION:

Over the last 30+ years, the University of Maine at Presque Isle has relied upon the boilers originally installed in Kelley Commons. They are beyond their lifespan and require replacement. Upgrading the boilers is crucial to maintain our ability to provide meals and heat for all our residents.

This project supports Principle 8: Modernize aging facilities and improve organizational infrastructure while preserving our history and supporting future strategic initiatives. It also aims to satisfy Financial Sustainability Goal 3.3 to "identify reductions in energy consumption" and Effective Infrastructure Goal 1.1 to address system-wide physical plant needs.

BACKGROUND:

- a. **Summary of the request** Engineer, design and install new boilers and HVAC system for the Kelley Commons building.
- b. **Overall requested budget and funding source(s):** We have the engineering plans in place but need to go out to bid in order to confirm the cost of the project. Replacement costs are estimated to be up to \$1.5 million. We have \$625,000 currently budgeted. Additional funding will be derived from the Skyway proceeds (approximately \$640,000) and the remainder \$235,000 will come from the expected budget surplus.
- c. **Is the project included or reflected in the Master Plan, Long Term capital plan or 1-year capital plan most recently approved by Trustees? If not, please explain**

08/19/24

why. This project was identified on the FY24-FY25 5-year capital plan and the most recent 1-year capital plan developed for FY25.

- d. **Detailed explanation of rationale for project and metrics for success of the project (ROI or other)** The Kelley boiler project is a relatively large complex boiler and HVAC upgrade. This upgrade will be replacing the two 1967 low-pressure steam #2 fuel oil boilers with two new high-efficiency propane boilers. This project will also remove the underground #2 fuel oil tank that was installed in 1996 and replace it with a propane tank. The HVAC system servicing the kitchen and dining room will also be replaced with new high-efficiency units providing a more comfortable environment. The new high-efficiency units will not only save money on energy usage but will also lower our CO2 emissions.
- e. **Explanation of the scope and substance of the project as needed to supplement (a) through (d) above. Note: scope includes an explanation of community impact, how the project ties to the University's mission, etc.**
- f. **Changes, if any, in net square footage or ongoing operating costs resulting from the project** No changes required.
- g. **Alternatives that were considered to meet the need being addressed by this project** We have looked at the installation of multiple kinds of boilers. This is the most effective and least costly.
- h. **Project Timeline for: 1. Start 2. Occupancy and 3. Completion** We would like to initiate the bid process in September with a target project start date of May 2025, immediately following Graduation.
- 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.** None known
- j. **Additional information that may be useful to consideration of the item.** This project is included in our FEMA Hazard Mitigation Plan, committing to upgrading UPMI heating systems to provide more reliable heat, especially during winter storms.

Note: For items over \$5M, indicate when the item was originally presented as an information item. N/A

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 September 15-16th, 2024 Board Meeting:

That the Board of Trustees, authorizes the University of Maine System, acting through the University of Maine at Presque Isle to spend up to \$1.5 million to replace two boilers in Kelley Commons.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: UMS Reserve Policy Update

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION: X **BOARD ACTION:**

BOARD POLICY:
700

UNIFIED ACCREDITATION CONNECTION:

BACKGROUND:

Vice Chancellor Ryan Low will provide an update and ongoing discussion regarding the UMS Reserve Policy.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: IT Project Updates

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

N/A

UNIFIED ACCREDITATION CONNECTION:

N/A

BACKGROUND:

Dr. Robert Placido, Chief Information Officer, will provide an overview of Active Information Technology Projects.

The Information Technology department is currently engaged in more than 50 critical projects that are vital to the University of Maine System's strategic goals. These projects, each at various stages of completion, reflect a commitment to enhancing the University's technological infrastructure and operational capabilities.

One of the key initiatives is the **DLT RUS Grant** project, which spans all seven campuses. This project is focused on upgrading communication and technology resources to improve educational outcomes. It is in the execution phase and is progressing well, with 87% of the work completed.

Another significant project is the **Advancement Ascend CRM**, which aims to streamline data management and improve efficiency in the finance and administration sectors. With 75% completion, this project is making steady progress in its execution phase.

The **Oracle Cloud HCM- Phase 1** project is a cornerstone of the broader effort to reimplement the University's core systems. This project, now fully completed, represents a major milestone in modernizing the University's human capital management processes.

In the academic and enrollment category, the **Raptor Transcript OCR Solution** is an innovative project designed to automate and improve the use of digital transcripts. Currently, 65% of the work is complete, and the project is actively being executed.

The **Pointnclick Immunization Portal** is another important initiative, specifically focused on enhancing the University's health services. By deploying PNC's Standard Immunization Portal,

the project is making it easier to manage immunization records across the system, with Phase 1 complete and Phase 2 underway.

Finally, the **Huron Oracle Cloud Assessment** project is a strategic assessment currently in its early stages, with 10% completion. This project involves a thorough evaluation of the Oracle Cloud solutions to ensure they meet the University's needs effectively.

These highlighted projects are indicative of the IT department's dedication to driving technological innovation and operational excellence, ensuring that the University of Maine System remains competitive and capable of meeting the demands of modern higher education.

John Forker, Chief Information Security Officer, will provide an overview of an outage event that occurred on July 19, 2024.

A significant outage occurred nationwide due to a faulty update released by CrowdStrike, a leading cybersecurity firm. This incident impacted millions of devices globally and caused major disruptions across multiple sectors, including airlines, financial services, healthcare, and government operations.

Attachment
[IT Projects](#)

Title	Description	Status	Status Comments
DLT RUS Grant	This initiative includes all seven campuses of the University of Maine System as well as the University of Maine School of Law, the University of Maine Graduate and Professional Center and Northern Light Health. It links hubs in Portland and Bangor with end-users in rural Aroostook, Washington, Hancock, Piscataquis, Oxford, Somerset and Franklin counties. More importantly, it creates a vibrant, collaborative, interactive network of academics, clinicians, employers, policymakers and learners working together to raise educational attainment, improve public health policy and clinical training, expand access to justice, support workforce development and revitalize rural communities.	Executing	Scope change is to be submitted by the end of this week. Installation of technology is in progress. The overall project will be completed during the Winter Break.
Admissions CRM and Marketing Cloud Migration	Admissions offices are moving from TargetX to a new shared Salesforce org. UMaine Grad will implement Admissions Connect. USM will also be migrating Marketing Cloud to the new shared org. The TargetX license expires in June 2023.	On Hold	Efforts complete except for the UMaine campus, for both graduate and undergraduate. We are waiting on the campus to be ready for next steps. Changed status to On Hold.
Advancement Ascend CRM	The University of Maine System sought proposals for the provision of a comprehensive Constituent Engagement Management (CEM) solution for Advancement that will assist in the design, management, and execution of an online strategy for content management, email marketing, online giving, event management, membership management, and social networking integration. The RFP was awarded to UC Innovation for their Ascend product. Ascend runs on top of the Salesforce platform, is cloud-based, offers state-of-the-art functionality including robust mobile presentation, automated logic-based communication tools, and a high degree of configuration/customization. Ascend will be used by the Advancement and Alumni Association areas of UMS.	Executing	Efforts continue with data migration and environment configuration/testing. Timeline for go live has shifted to early 2025.
Atlassian Retirement	Our Atlassian suite of products is due to end support on 2/15/24. This includes Jira, Jira Service Desk, and Confluence.	Executing	Confluence space information has been collected and catalogued to identify what needs to be migrated still. Working on an automated migration of that content to TDX, which will be executed in August (likely). Similar efforts need to be undertaken for Jira.
Campus Solutions Reimplementation	The Repaving MaineStreet initiative consists of three primary projects: Implementations of Oracle Cloud HCM (HR) and ERP (Finance) cloud platforms and a reimplementation of PeopleSoft Campus Solutions. The overarching goal is to implement the opportunities for improvement identified during the ERP Assessment that will optimize processes and technology to support the University of Maine System's strategic objectives, particularly the requirements driven by Unified Accreditation. ERP Analysts and its sub-contractor Drivestream will serve as our Implementation Partners during all phases of the Repaving MaineStreet initiative.	On Hold	UMS has made targeted improvements to meet regulatory requirements, such as identifying licensure-leading programs, and other surgical enhancements in Campus Solutions since pausing the larger Repaving MaineStreet project. However, lacking a comprehensive plan, timeline, and budget for completion, UMS has terminated its Agreement with ERP Analysts. This termination, effective August 9, 2024, includes all related scope of work or statement of work documents, such as amendments, order forms, and change orders. The primary focus on work moving forward will fall under the umbrella of the Unified Catalog Initiative
eRezLife	Implementation of the eRezLife software solution for campus housing.	Planning	Kickoff meeting has been held for each campus; Each campus will likely have their instance up and running in 2-3 months and then make a decision on when to go live in the new year.

8.1

Liferay DXP 7.4 Upgrade	The myCampus Portal is a mission critical system and, as of June 1, 2023, is the replacement portal for MaineStreet. MyCampus is used by all campuses as the central hub for single sign-on into other high profile UMS IT services. Additionally myCampus is the intranet CMS to share web content and applications with internal audiences. Because of its primary role in providing IT services, the system must remain current both in feature set and support status.	Executing	The 7.4 update for myCampus was successful and a final meeting took place on July 12 to discuss lessons learned.
Oracle Cloud ERP	The Repaving MaineStreet initiative consists of three primary projects: Implementations of Oracle Cloud HCM (HR) and ERP (Finance) cloud platforms and a reimplementation of PeopleSoft Campus Solutions. The overarching goal is to implement the opportunities for improvement identified during the ERP Assessment that will optimize processes and technology to support the University of Maine System's strategic objectives, particularly the requirements driven by Unified Accreditation. This project specifically pertains to the Oracle Cloud ERP project.	On Hold	Huron has been contracted to evaluate the implementation of Oracle Cloud Applications, with a primary focus on assessing program health with the rollout of Oracle Cloud ERP, HCM, EPM, and Analytics. Leverage findings to formulate a go-forward plan that ensures a successful transition to the future state. The assessment will conclude around August 30, 2024 and a report delivered to the CIO.
Oracle Cloud HCM Implementation	Implementation of Oracle Cloud HCM platform.	Executing	
Oracle Cloud HCM- Phase 1	The Repaving MaineStreet initiative consists of three primary projects: Implementations of Oracle Cloud HCM (HR) and ERP (Finance) cloud platforms and a reimplementation of PeopleSoft Campus Solutions. The overarching goal is to implement the opportunities for improvement identified during the ERP Assessment that will optimize processes and technology to support the University of Maine System's strategic objectives, particularly the requirements driven by Unified Accreditation. This project specifically pertains to the Oracle Cloud HCM Phase 1 implementation of the Recruiting and Core HR Lite modules.	Executing	UMS successfully launched Oracle Cloud HCM Phase 1 Recruitment on July 1, 2024. Since then, the team has been diligently working on providing support, transferring knowledge, and refining the Recruitment platform to ensure it meets the diverse needs of the University of Maine System. As part of a strategic shift, UMS has decided to terminate its Agreement with ERP Analysts and their subcontractor Drivestream for convenience. This decision allows UMS to concentrate its efforts on the important Huron Oracle Cloud Health check assessment.
Oracle Cloud HCM- Phase 2	The Repaving MaineStreet initiative consists of three primary projects: Implementations of Oracle Cloud HCM (HR) and ERP (Finance) cloud platforms and a reimplementation of PeopleSoft Campus Solutions. The overarching goal is to implement the opportunities for improvement identified during the ERP Assessment that will optimize processes and technology to support the University of Maine System's strategic objectives, particularly the requirements driven by Unified Accreditation. This project specifically pertains to the Oracle Cloud HCM Phase 1 implementation of the Recruiting and Core HR Lite modules.	On Hold	UMS has terminated its Agreement with ERP Analysts, including their subcontractor Drivestream. This termination, effective August 9, 2024, includes all related scope of work or statement of work documents, such as amendments, order forms, and change orders. This decision allows UMS to concentrate its efforts on the important Huron Oracle Cloud Health check assessment.
PD Brightspace Implementation	The goals of this project are to implement a new instance of Brightspace for non-academic use and stand up the HR Annual Compliance Training modules by August 1, 2024.	Executing	Project is on track for an August 1 launch for the core compliance trainings. Additional work around integrations and additional trainings will continue after that point.
(Campus Solutions)	by incorporating UMM as a regional campus of UMaine. This project will incorporate	Executing	A sub-project of the Repaving Mainstreet umbrella

UMPI Website	This project will move UMPI's public website from its current instance of WordPress to the UMS-supported WordPress instance.	Completed	UMPI's redesigned website boasts a sleek, modern interface with intuitive navigation, making it effortless for students and visitors to access important information and resources. The revamped site features a responsive design optimized for mobile devices, an interactive search function, and a 1-step process for UMPI Yourpace, significantly enhancing the overall digital experience for enrollment and recruitment.
UMaine GEM Building AV	The audiovisual equipment installation for the GEM building addition at UMaine.	Executing	The cost of the systems based on the needs assessment from the users far exceeds the budget that has been allocated. During the next phases of the project, the design of the overall building will become fixed allowing the team to trim out an estimates related to fluid nature of some building areas. Additionally, there will be discussions to closer align the user needs with the overall cost of the AV for the project.
UMaine SWAA	The audiovisual equipment installation for the new Shawn Walsh addition to the Alford Arena at UMaine.	Executing	Awaiting vendor pricing for the project. Working with the PM to schedule meeting with consultant and vendor for final round of questions related to the installation work.
USouthern Maine CFA	The audiovisual equipment installation for the Center for Arts at USouthern Maine.	Executing	
UMaine/UMM Classroom Upgrades	The annual replacement and installation of audiovisual equipment for UMaine/UMM classrooms	Executing	There was an adjustment for a few rooms to be completed during the Fall and Winter Break due to delayed equipment arrival and scheduling.
USouthern Maine Classroom Upgrades	The replacement and installation of audiovisual equipment for USouthern Maine classrooms	Executing	
UMaine Morse Arena	The audiovisual equipment installation for the Morse Arena at UMaine.	Executing	New project - have had just an initial kick-off meeting.
Raptor Transcript OCR Solution	To better facilitate and automate the use of data on transcripts provided by applicants for admission/transfer, UMS has acquired Raptor, an optical character recognition cloud-based system that will read transcripts and send the information on them to the Student Information System (Campus Solutions). This data can then be used within the student system to reduce application turnaround time and drive other automations and efficiencies. The initial focus for the tool is on college transcripts for transfers, but will also be able to support high school transcripts as well.	Completed	Went live August 6th go live for college transcripts. We are now interested in exploring HighSchool transcripts.
Pointnclick Immunization Portal	The project deployed PNC's Standard Immunization Compliance Module with a bidirectional interface to Maine's Immunization Registry. This, along with streamlined business processes, reduced immunization validation time from 8 days to 3-4 days. Access to Maine CDC's ImmPact registry will further automate the process, reducing validation time to 4-8 hours for most applicants and admitted students.	Executing	Phase 1 has integrated Maine's CDC ImmPact registry with Point N Click (PNC), importing over 12,000 immunization records. PNC now automatically calculates immunization compliance for applicants and incoming students, updating Campus Solutions with overall compliance status. This streamlines part of the student recruitment process and greatly reduces workload for campuses. Phases 2 and 3 will further automate processes like "To-Do lists" and removal of "Holds" based on PNC's compliance determinations, making PNC the sole record of authority and further streamlining the recruitment process.

Unified Catalog Initiative	The Unified Catalog Initiative represents a pivotal strategy in the University of Maine Systems (UMS) mission to enhance student retention and catalyze enrollment growth. This comprehensive approach, decoupled from the overhaul of the Student Information System, aims to streamline processes and forge stronger connections between UMS institutions and external partners, including the Maine Community College System (MCCS).	Re-planning	Defining scope of work, cost, and timeline to completion.
RecTrac Data Integration	Daily data loads from Campus Solutions, HCM, and Transact to the RecTrac recreation center management system. This integration includes basic bio/demo data as well as associations with campus, recreation waiver status, and campus card information	Completed	Integrations completed including basic bio/demo data as well as associations with campus, recreation waiver status, and campus card information.
Person Registry	Integrations between external systems, such as HCM Cloud, Campus Solutions, ID Management, and Transact, and the Person Registry.	Planning	The University of Maine System is making significant progress in its search for a robust integration platform solution. The team leading this initiative has been actively engaging with potential providers and exploring various options to meet the system's integration needs. Further advancement on the Person Registry is dependent on these technologies.
Wordpress PHP 8 Upgrade	Updating from PHP 7.4 to PHP 8 on Wordpress offers significant performance improvements, enhanced security, and access to modern features like the JIT compiler, union types, and improved error handling. This upgrade ensures compatibility with the latest standards while reducing vulnerabilities.	Planning	Initial planning activities involve communicating with key stakeholders and establishing a clear timeline and budget. This phase also includes assessing resources, risks, and requirements to ensure all aspects of the project are aligned with its objectives from the start.
Wordpress Infrastructure Upgrade	Rebuild of Wordpress cluster to accommodate an update to the operating systems	Planning	
Campus Solutions PUM32	Includes Post-Regs 3 PRP For 2024-2025 FAFSA Simplification Update #6 -	Completed	Successfully implemented Campus Solutions PUM 32 on August 9, 2024. This critical update addressed 29 Oracle bugs in the financial aid processing system, introduced as a result of the DOE's FAFSA simplification process. Key improvements included fixes to ISIR records, verification processes, and Pell Grant processing.
Campus Wireless Changes	Includes the decommissioning of Tempest on 1/1/25 and addition of Maine-EDU Open for residence halls		and getting residence students to connect their devices to Maine-EDU Open for gaming consoles, etc.
Watermark (Student Learning & Licensure)	Multi-campus migration from TK20 for the School of Education		SSO is scheduled for 8/15 and icons are being placed in the launchpad of mycampus portals
Huron Oracle Cloud Assessment	Huron Consulting Group is conducting a 5-week assessment of the University of Maine System's Oracle Cloud implementation, focusing on ERP, HCM, EPM, and Analytics modules. The project aims to evaluate the current implementation, assess program health, and develop a go-forward plan. Key outcomes will include health check recommendations, a recommended program scope, and a high-level project plan with timeline and resource estimates.	Executing	As of 8/11/2024, Week 1 (LAUNCH) has been completed, with the project kick-off, team establishment, and initial review processes underway. Week 2 (ANALYZE & DISCOVER) is currently in progress, focusing on targeted information gathering sessions and scheduling small panel interviews across various workstreams.

8.1

Windows 11 Upgrade	Windows 10 is end of life support on 10/14/25	Executing	As of early summer, all newly purchased University-owned PCs are now being deployed with the latest version of Windows 11. During this period, Windows 11 also became available as an optional upgrade for all users. Throughout FY25, IT will increase communication and outreach to encourage users to upgrade to Windows 11, which will become mandatory in the summer of 2025, as Microsoft will end support for older versions on October 14, 2024. Currently, out of 9,208 total devices, 1,776 are running Windows 11. Additionally, 4,072 devices have hardware capable of upgrading to Windows 11, while 5,136 devices are incompatible with the new system.
--------------------	---	-----------	---

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: FY2025 Finance, Facilities & Technology (FFT) Committee Work Plan

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY:

UNIFIED ACCREDITATION CONNECTION:

BACKGROUND:

Annually, a work plan for the Finance, Facilities & Technology Committee is formulated. The work plan is intended to cover both action items required for governance of the University of Maine System and those topics of importance and interest to the Board. Trustee Katz and Vice Chancellor Ryan Low will review the draft plan with the Committee in preparation for inclusion in the September Board of Trustee meeting materials.

[Attachment](#)

[FY2025 FFT Work Plan](#)

University of Maine System
Board of Trustees

**Finance, Facilities & Technology Committee
Work Plan FY2024**

Standing Agenda

1. Finance, Facilities or Technology items requiring Committee and/or Board approval
2. Updates from staff on finance, facilities and technology informational items
 - Including regular update on enrollment
3. Capital Projects Status Report for all projects requiring Committee and/or Board approval
4. Major Technology Projects Status Report for all projects requiring Committee and/or Board approval
5. Strategic Plan Update
 - Each meeting will include an update for 50% of “active” initiatives assigned to the Committee.

Ad Hoc Agenda

- Review of 5-year Capital Plan (July meeting)
- Request for Appropriation (Sept. meeting)
- **Joint Meeting of the Audit Committee and the Finance/Facilities/Technology Committee** (late October/early November meeting)
 - External Auditor Report including Required Communications Letter and Summary of Audit Results
 - Presentation of the Annual Financial Report (Audited Financial Statements)
 - Update on Internal Audit
- Annual State of IT Report (February meeting)
- Sightlines Annual Report on the status of the facilities portfolio (January meeting)
- First reading of the Annual Operating, Capital Budget and Tuition Charges (March meeting)
- Second reading of the Annual Operating, Capital Budget and Tuition Charges (April meeting)
- Approval of Annual Operating Budget, Capital Budget and Tuition Charges (May meeting)
- Multi-Year Financial & Structural Gap Analysis (May meeting)

Informational Reports to the Board

Every Board Meeting

Each meeting will include a deep dive into one topic. (examples: MYFA, Allocation Model, etc.)

November Meeting

Annual Report on Acquisition & Disposition of Real Property
Current Fiscal YTD Forecast to Budget

January Meeting

Annual Report on Gifts, Fund Raising and Endowments (w/ Foundations)
Maine Economic Improvement Fund Report
State of IT Report
Sightlines Report

March Meeting

Student Charges Report
Current Fiscal YTD Forecast to Budget

May Meeting

Multi-Year Financial Analysis
5-year Capital Plan
Current Fiscal YTD Forecast to Budget

Committee Meeting Schedule

The Committee meets seven times during the year in advance of the Board of Trustees meetings.

In March, the Committee schedules a full day meeting to review, in depth, the Annual Operating Budget and Tuition Charges for the upcoming fiscal year. The Committee will meet again in April to review operating budget a second time.

Additional meetings may be scheduled as required.

University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Research Funding and All Funds Overview Presentation, UM

CAMPUS PRESENTER(S): Joan Ferrini-Mundy, President, and Vice Chancellor for Research & Innovation; Kelly Sparks, Vice President for Finance and Administration & Chief Business Officer

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY: N/A

UNIFIED ACCREDITATION CONNECTION:

This presentation is applicable under NECHE Standards for Accreditation (Section 7, Financial Resources). Specifically, Standard 7.4 states that “The institution preserves and enhances available financial resources sufficient to support its mission. It manages its financial resources and allocates them in a way that reflects its mission and purposes.” This presentation aims to share how the University of Maine leverages all its financial resources toward our mission in research and development (R&D) activities.

UMS STRATEGIC PLAN CONNECTION:

The UMS Strategic Plan *Research Actions* support enhancing research capacity and extramural funding competitiveness through access to research infrastructure. Goal 1.2 states that the University of Maine System will “grow external funding from government, industry, and philanthropic sponsors.” Action 3 also states that UMS will “secure increased investment in the Maine Economic Improvement Fund (MEIF) by the Maine legislature.”

BACKGROUND:

President and Vice Chancellor Joan Ferrini-Mundy and Vice President Kelly Sparks will deliver a brief presentation about the University of Maine’s research funding sources and expenditures of funds.

Attachment

[All Funds and Research DRAFT V.3 8.9.24](#)

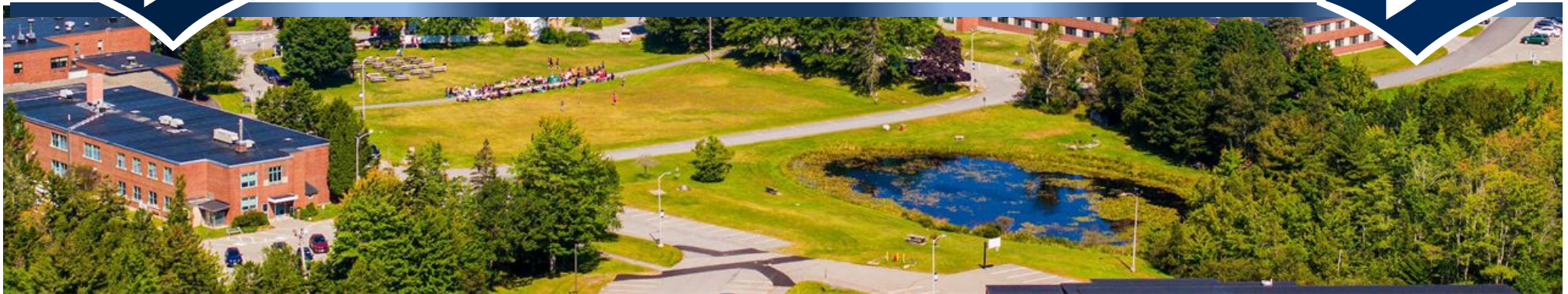


UMaine Research Funding and All Funds Overview

UMS Finance, Facilities, and Technology Committee | August 28, 2024



10.1



Now Underway: Strategic Re-Envisioning Initiative

**What would
UMaine look like
if we were
designing it today?**

The challenges facing higher education are unprecedented—from demographic shifts and economic pressures to a changing global landscape.

Opportunities abound as well, from rapid technological advances to the interconnectedness of society.

These challenges and opportunities demand a bold rethinking of our role and organization, which leverages our great foundational strengths.

10.1





Goals of Presentation

3

- Explain the various components that fund research and development in a world-class research university.
- Describe the “all funds” context of the University of Maine and its regional campus, the University of Maine at Machias.



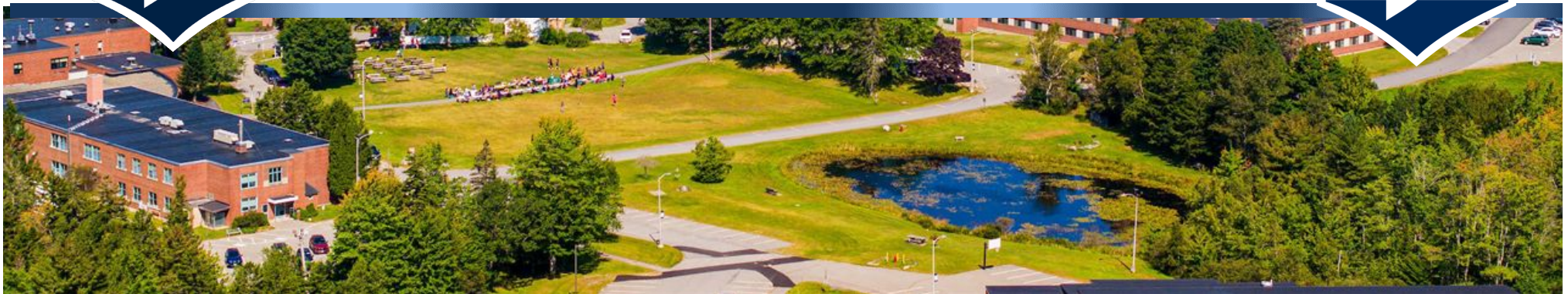
10.1



All Operating Funds Overview



10.1





University of Maine's primary operating funds are categorized into unrestricted and restricted sources.

5

You are most familiar
with these two funds:

Fund 00
Education &
General (E&G)

Fund 03
Auxiliary

Fund 04 / 24
Cost-Share

Fund 10
Designated

Fund 13
Campus Projects

Fund 12 / 22
MAFES & CES
Federal FY

Fund 23
MEIF
State Approps

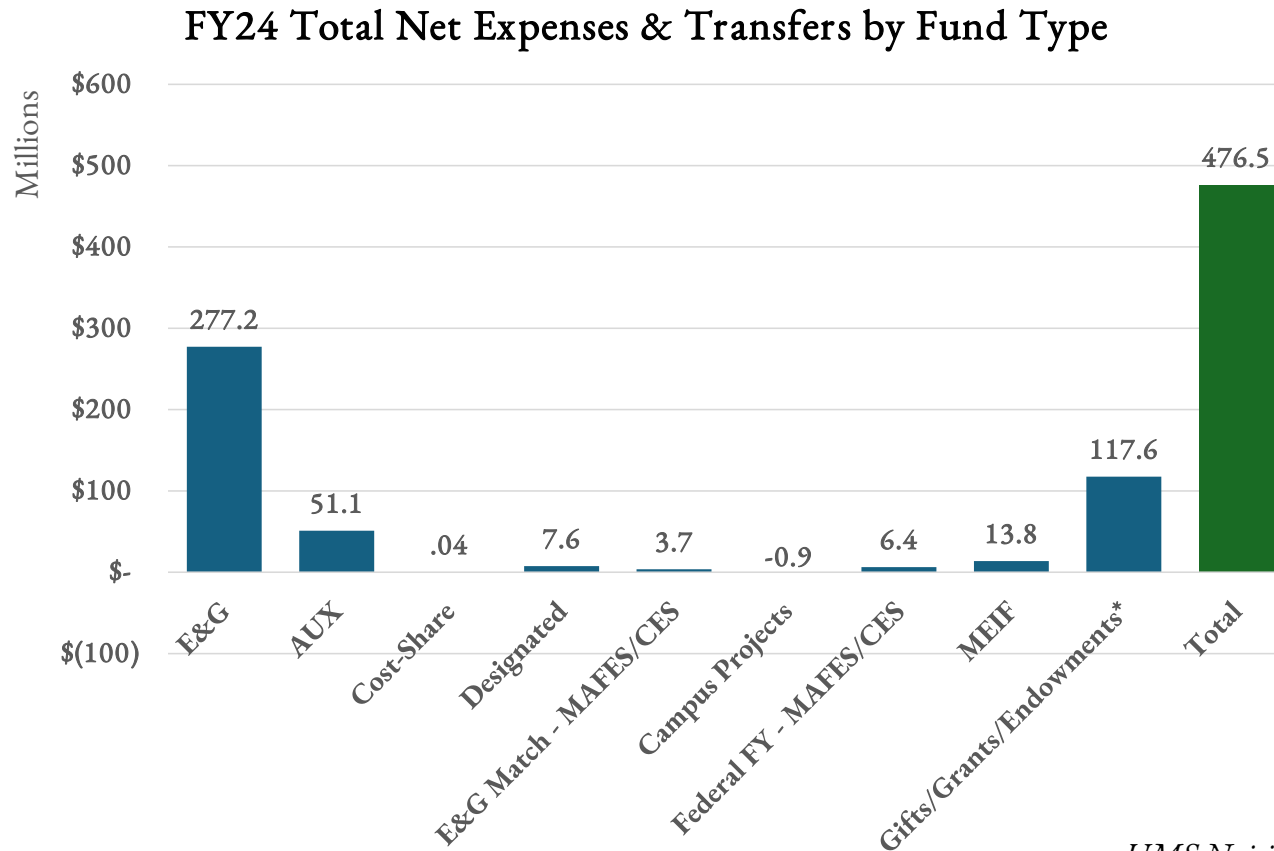
Fund 20
Gifts, Grants, &
Endowments

10.1



Our total of all operating fund budgets in FY24 is \$477M.

6



10.1

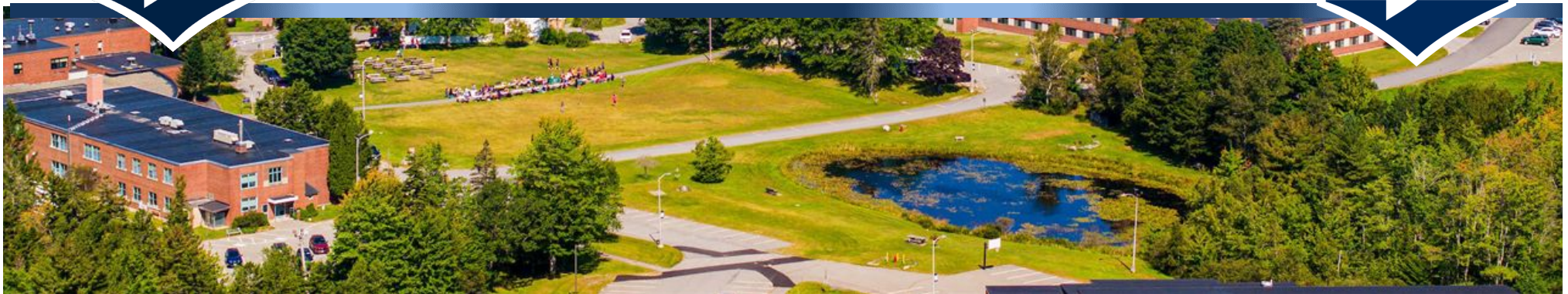
*UMS Nvision Report as of Aug. 1.
only expended in this year.



Research Funding Overview



10.1





What is a Research University?

8

Research universities offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research.

2024 Carnegie Classifications:

R1 Universities: Very high research activity, with at least \$50M spent on research and development (R&D), and at least 70 research doctorates awarded in a year.

R2 Universities: High research activity, with at least \$5M spent on research and development (R&D), and at least 20 research doctorates awarded in a year.

Federal Definition of R&D:

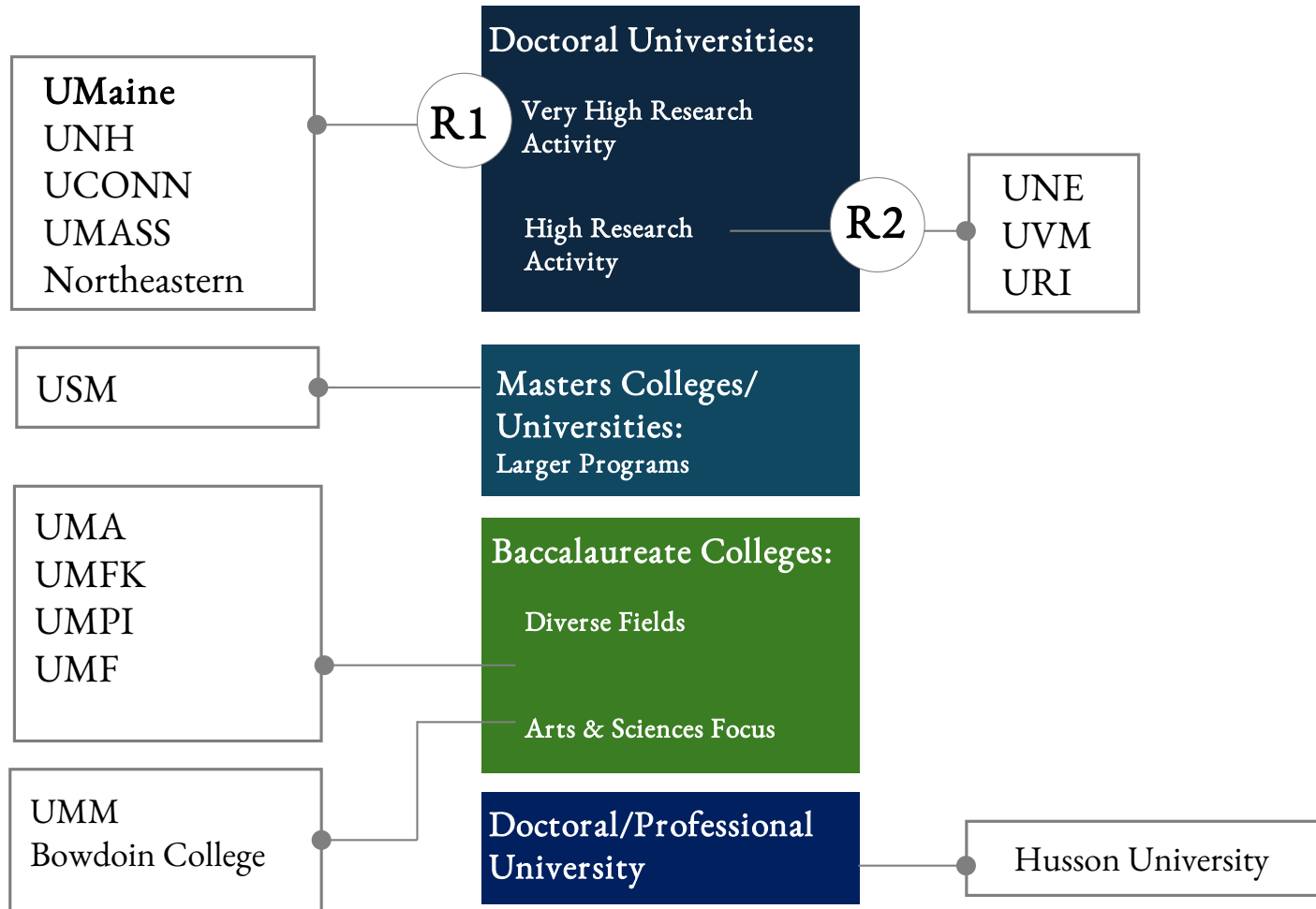
The federal government defines research and development (R&D) as a collection of efforts that aim to increase knowledge and understanding, and to apply that knowledge to create useful materials, devices, and methods. **10.1**

The National Science Foundation (NSF) defines R&D as creative and systematic work that aims to increase knowledge, including knowledge of people, culture, and society, and to develop new applications using existing knowledge.



How does Carnegie classify UMS and other Universities with respect to their research and development (R&D) activity?

9



10.1



How does UMaine quantify its research and development activity?

10

There are different methodologies for quantifying our research and development (R&D) activity.

Integrated Postsecondary Education Data System (IPEDS)

- Reported by UMS Accounting Office based on a departmental functional expense category in General Ledger.
- Defined by FASB (Financial Accounting Standards Board).
- This methodology is limited, capturing expenditures based on the categorization of a department's functional expense.

Higher Education Research and Development (HERD) Survey

- Reported by UMaine ARCSIM (Advanced Research Computing, Security, and Information Management) reports this data to the NSF (National Science Foundation).
- For purposes of this survey, R&D includes expenditures for organized research as defined by the Code of Federal Regulations.
- This methodology is broader, capturing sponsored and university research expenditures from all funds.

10.1

It is hard to align or match R&D expenditures due to the differences in these models.



What does a modern 21st century R1 research university look like?

11

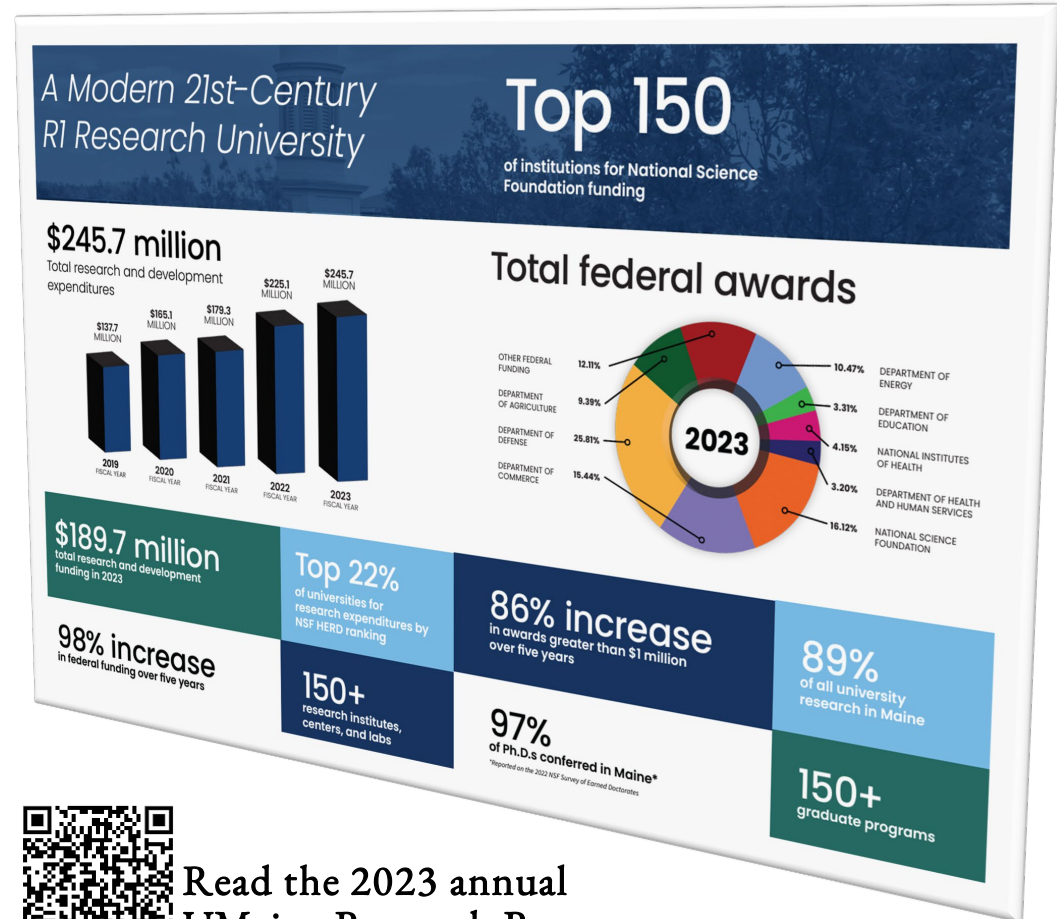
Total R&D Expenditures*
\$245.7M

Total R&D Funding*
\$189.7M

5-yr increase in federal funding
98%

Research expenditures
by NSF HERD ranking
Top 22%

**per 2023 Research Report, includes items not in IPEDS.*



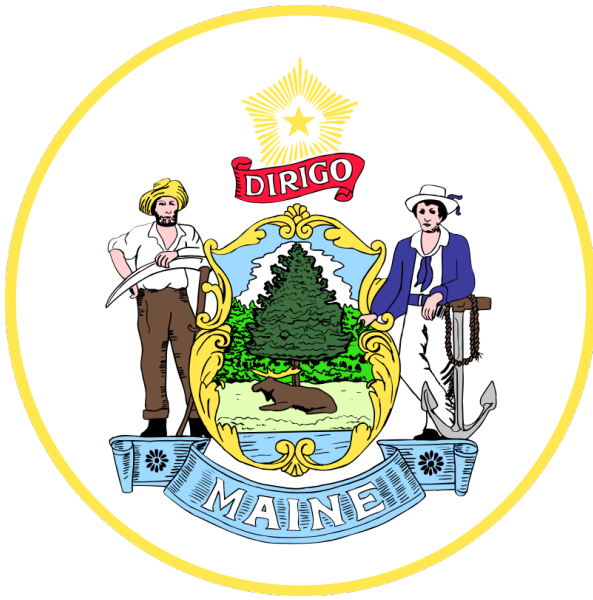
Read the 2023 annual
UMaine Research Report.

10.1



Maine statute recognizes the importance of research at UMaine.

12



Section §10902 of Title 20-A: Education, Part 5, Chapter 411 titled University of Maine recognizes that higher education is an, “organized program of instruction, research and service.”

10.1

“To provide in its public higher educational institutions, or through cooperative arrangements with private institutions or institutions outside the State, the programs of study, research or experimentation that its citizens may require”

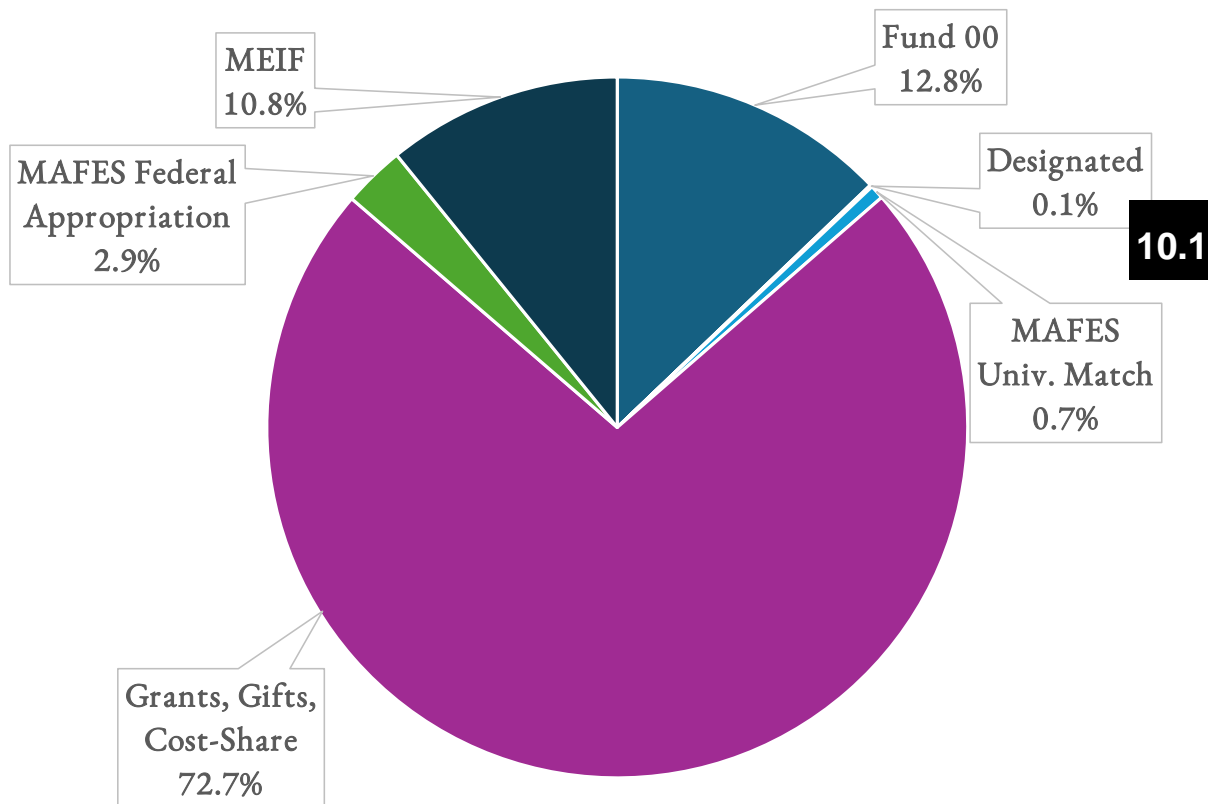


UMaine expended \$119.7M on research expenditures* in FY24.

13

- **More than 85%** of UMaine's FY24 \$119.7M research expenditures are paid from funds other than E&G.
- **Over 70%** of the total research expenditures in FY24 are funded by external grants/contracts.
- Research funds help pay for many things.

FY24 Research Expenditures by Fund



**per IPEDS functional expense category (UMS Nvision report)*

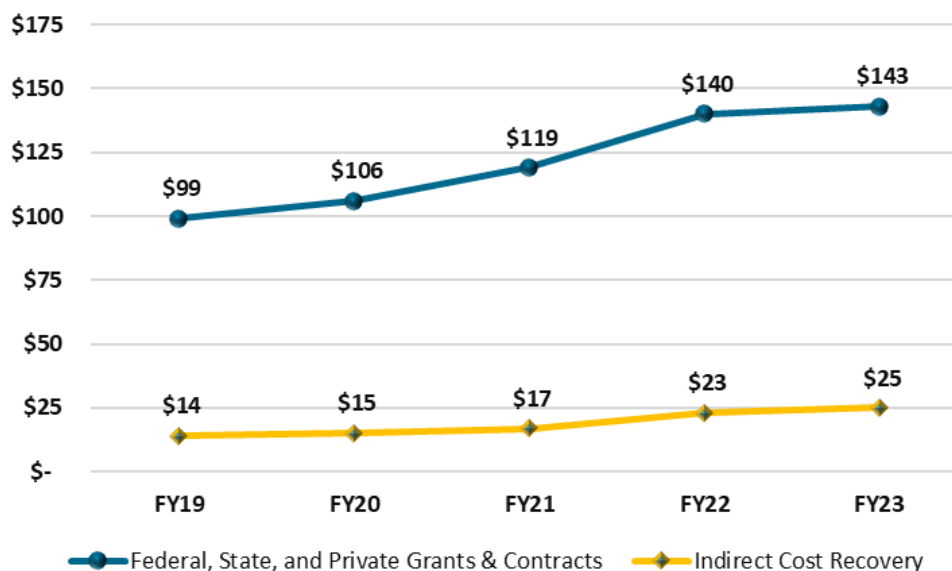


A majority of research expenditures are funded from grants and contracts.

14

- UMS receives funding from federal, state, and private sources for grants and contracts.
- Grants and contracts operating revenues totaled \$143M in FY23, increasing \$3M, or 2%, from FY22.
- Indirect cost returns are calculated for each grant and contract using the applicable negotiated rate, known as Facilities & Administrative (F&A) rate, subject to specific sponsor limitations and other proposal and award conditions.
- Recovery of indirect costs totaled \$25M for FY23, increasing \$2 million from FY22.

University of Maine System
Chart 8: Grants, Contracts and Indirect Cost Recovery
(In millions)

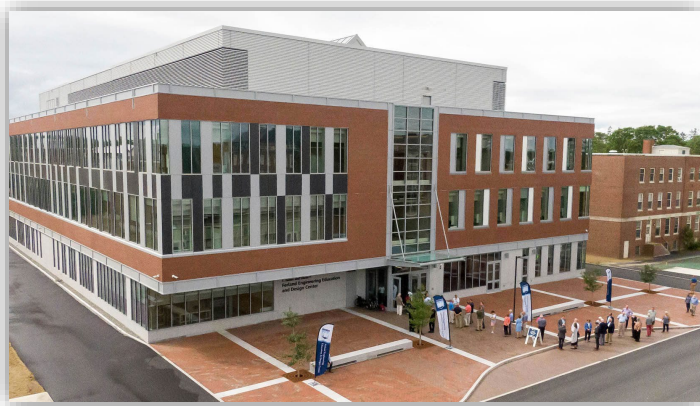


10.1

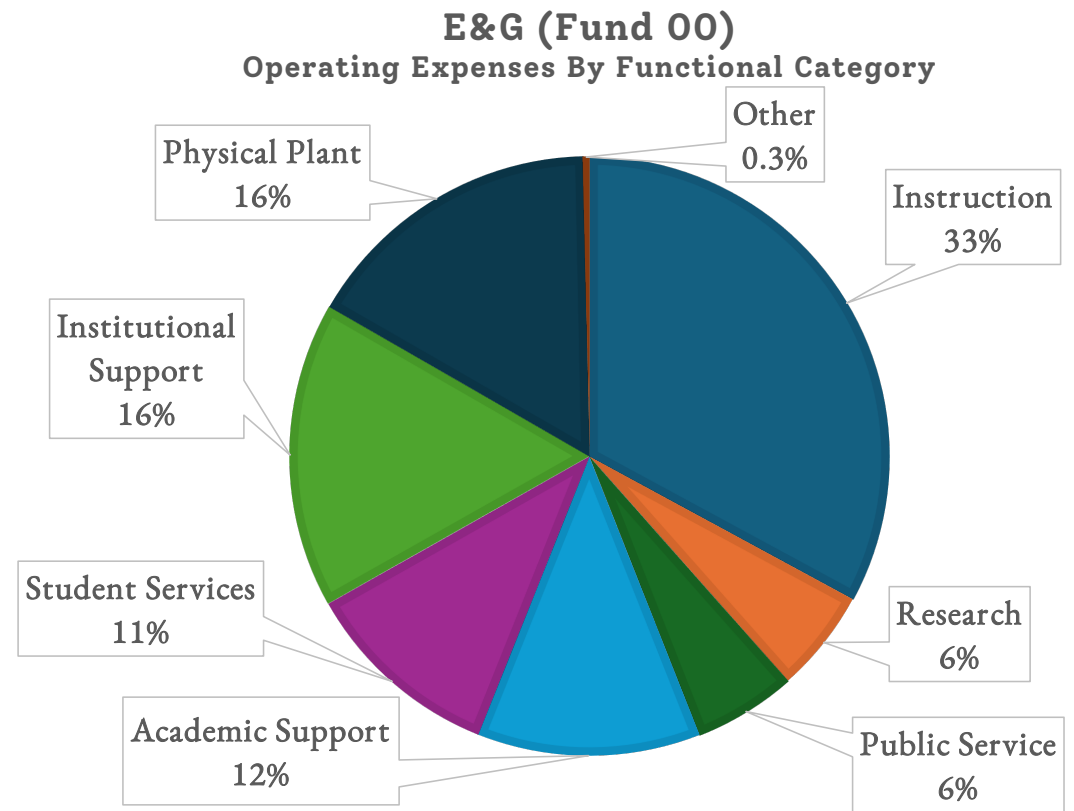


About 6% of total E&G expenditures support research.

15



- The bulk of research funds on E&G are related to the activities of the Agricultural & Forest Experiment Station, Climate Change Institute, and Maine Economic Improvement Fund, as well as other research centers and institutes.



10.1



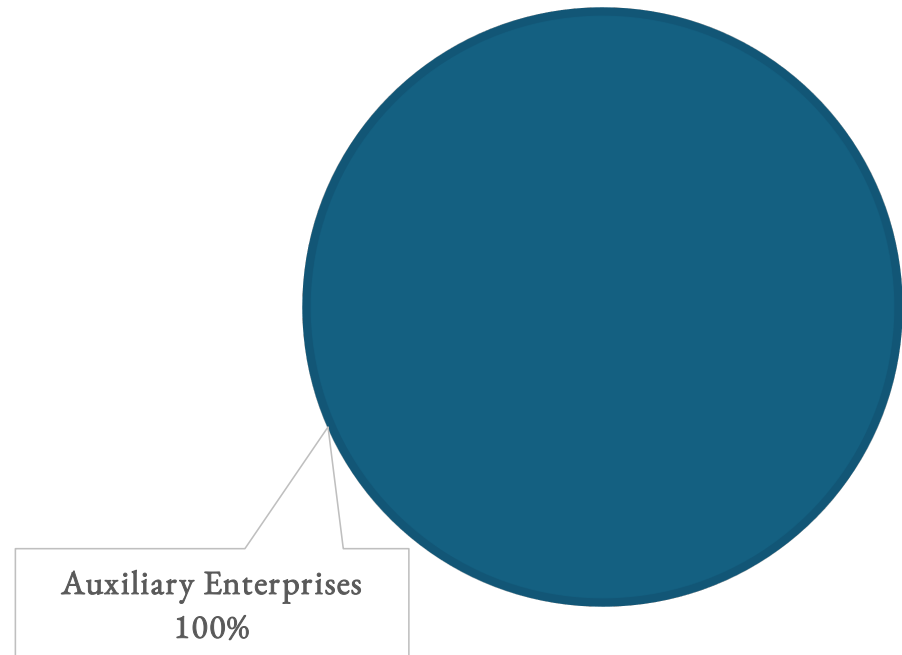
Auxiliary funds are generally not used to support research.

16



- Auxiliary is comprised of self-supporting functions such as residence halls, dining, printing & mailing, and more.

Auxiliary (Fund 03) Operating Expenses By Functional Category



10.1

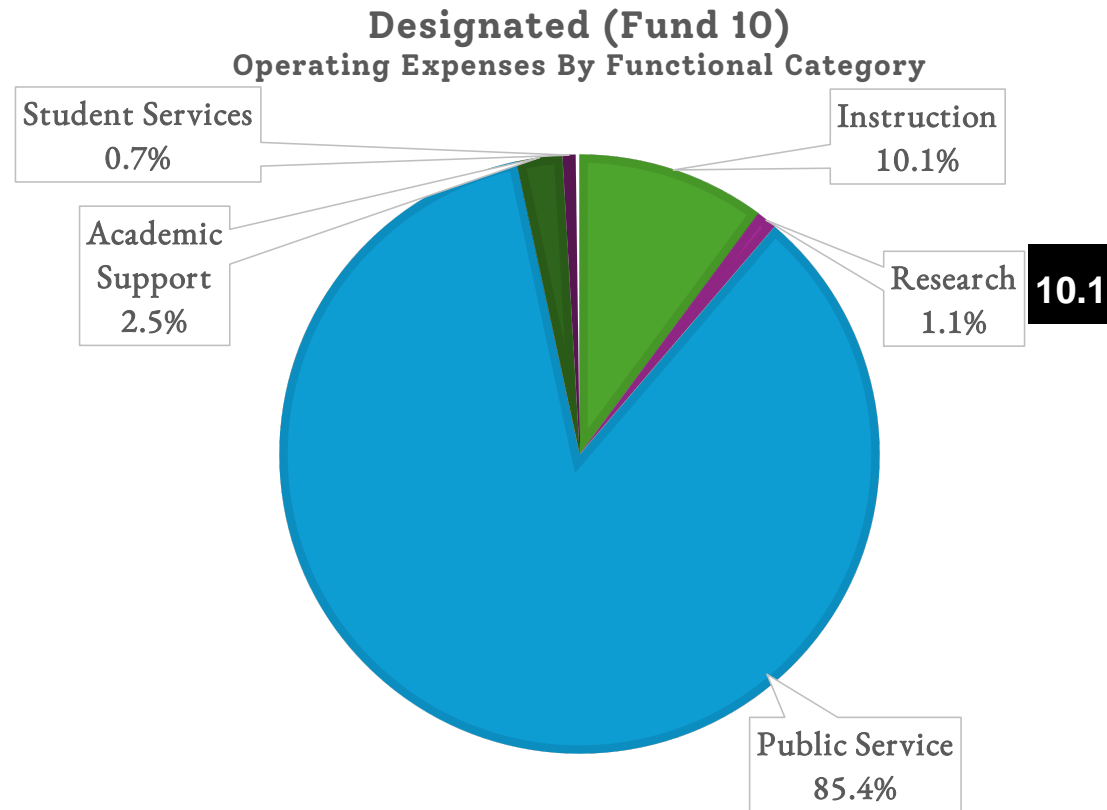


Certain designated funds support the R&D enterprise.

17



- Operations supported by designated funds primarily focus on public service, partnerships, and institutional support, driven by external revenue.
- One of the primary designated operations is the Office of Strategic Partnerships, Innovation, Resources, and Engagement (SPIRE).





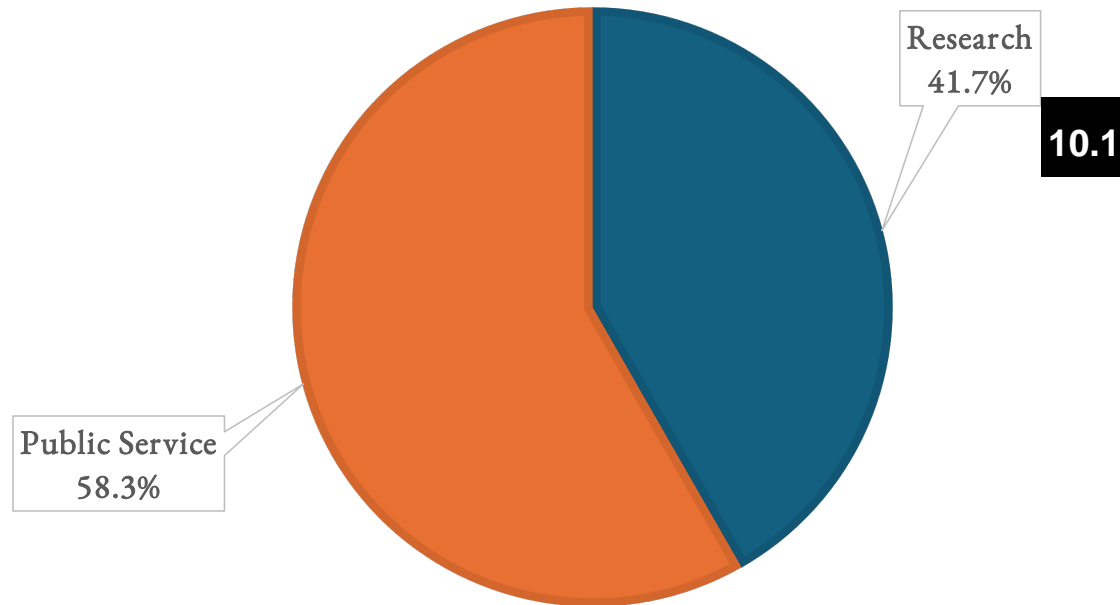
Federal appropriations for MAFES/CES and our E&G match support research.

18



- Federal Fiscal Year (FY) funds support the Maine Agriculture & Forest Experiment Station (MAFES) and Cooperative Extension (CES).
- The federal appropriation (Fund 22) has a 1:1 required UMaine match (Fund 12).

Federal FY (Funds 12,22)
Operating Expenses By Functional Category



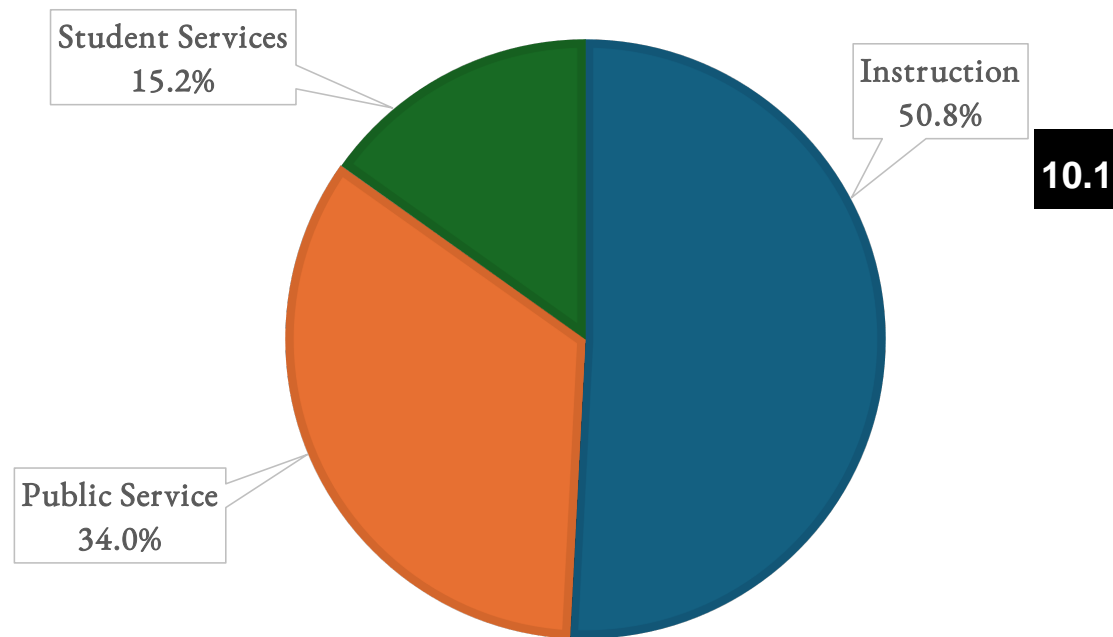


Campus projects funded by indirect cost returns (IDC) support research. 19



- Campus projects that occur over multiple years, usually funding institutional priorities or research.
- Funds can be used for soft-funded research positions or faculty start-up funds (such as lab or equipment purchases).

Campus Projects (Fund 13)
Operating Expenses By Functional Category





Maine Economic Improvement Fund (MEIF) is a state appropriation, with UMaine's portion fully supporting the R&D enterprise.

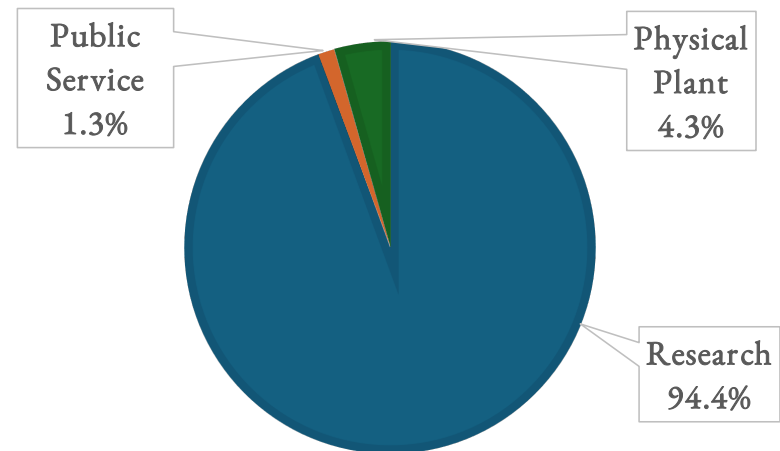
20



- MEIF enables us to prepare the state's knowledge and technical workforce through meaningful, paid, hands-on undergraduate and graduate student research learning experiences.
- 6:1 rate of return for Maine's economy from overall UMS investment.

**revenue per UMS schedule of appropriations for FY24*

Restricted Apprpr. MEIF (Fund 23)
Operating Expenses By Functional Category



10.1

MEIF revenue distribution: Totals in FY24 *

Campus	% of Total	\$ of Total
UMaine	77.6%	\$16.2M
USM	19.2%	\$4.0M
Small Campus Initiative	3.2%	\$0.67M
MEIF Total	100%	\$20.87M

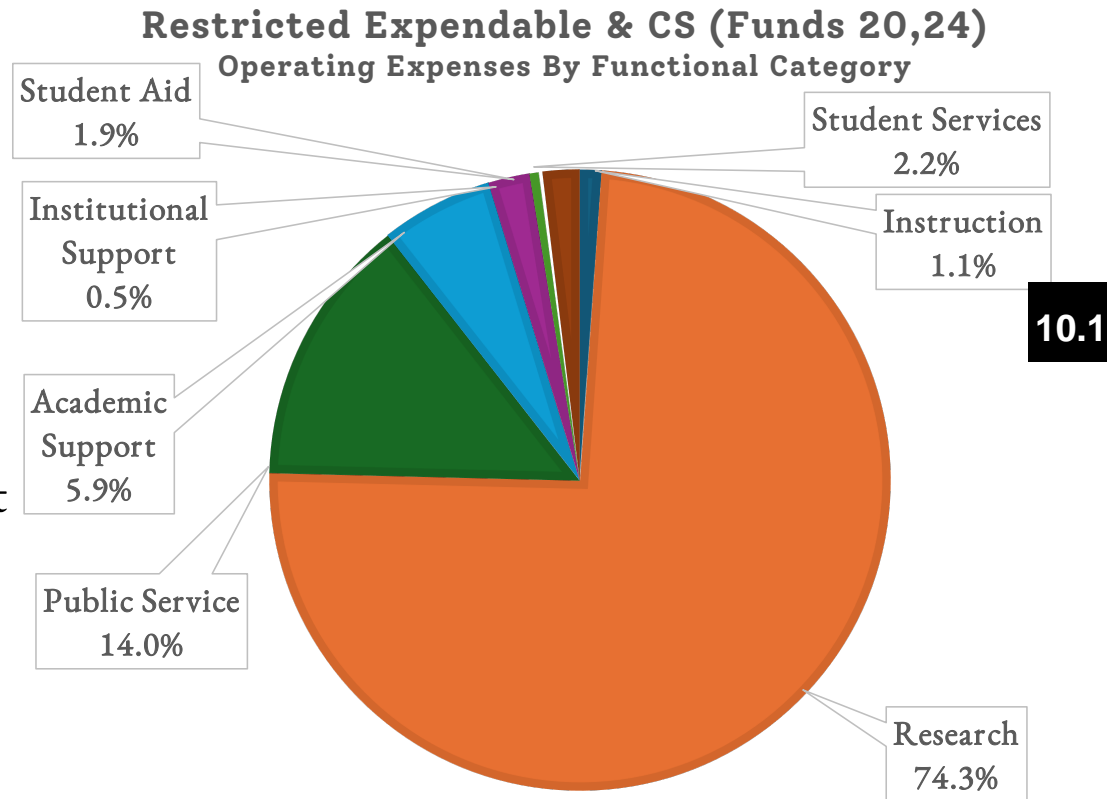


The bulk of UMaine's R&D funding comes from external grants/contracts.

21



- Expendable gifts, grants, or endowment income that support our mission.
- 74% is research grants / contracts.
- Examples include congressionally directed spending on research projects, endowed scholarship funds, and cost-share on research projects.

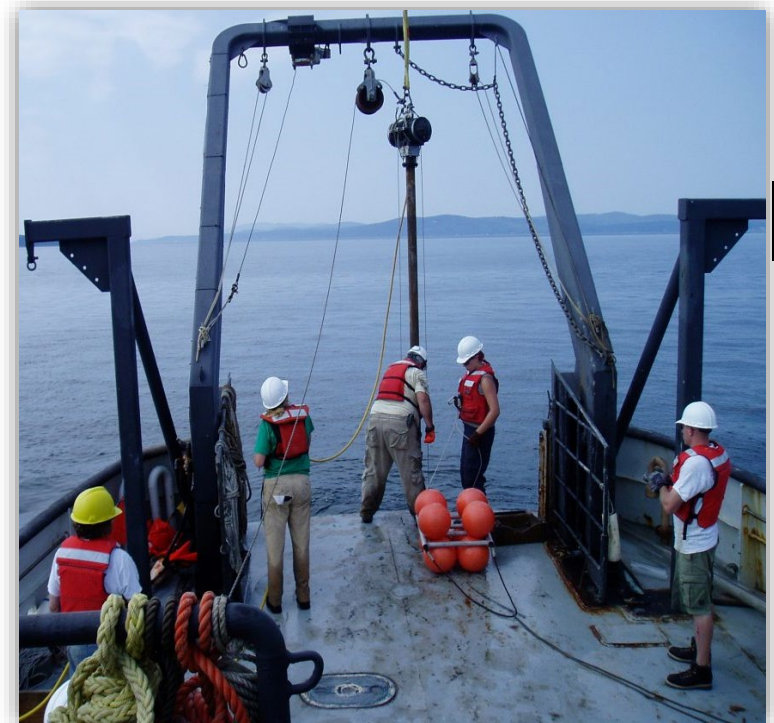




There are some challenges in sustaining an R1, world class public university.

22

- E&G and Aux represent 68.9% of the total “all funds” UMaine and UMM budget. Managing the other funds is more complex due to federal reporting, compliance, multi-year grants/contracts, and the number of projects associated with the budgets.
- The state investment in UMS R&D through MEIF has been pivotal in helping us reach new levels of excellence.
- UMaine is increasing its capacity to support R&D expansion UMS-wide.
- We could educate more doctoral students, serve the state through R&D partnerships, attract and retain faculty, and bring in more federal dollars with increased capacity and facilities investment.



10.1

Questions?



University of Maine System
Board of Trustees

AGENDA ITEM SUMMARY

NAME OF ITEM: Offsite Locations Presentation, UM

CAMPUS PRESENTER(S): Joan Ferrini-Mundy, President and Vice Chancellor for Research & Innovation; Kelly Sparks, Vice President for Finance and Administration & Chief Business Officer

INITIATED BY: Roger J. Katz, Chair

BOARD INFORMATION: X

BOARD ACTION:

BOARD POLICY: N/A

UNIFIED ACCREDITATION CONNECTION:

This presentation is applicable under NECHE Standards for Accreditation (Section 7, Physical Resources). The importance of University of Maine's centers and off-site locations is critical to our core mission of instruction, research, and service to the state of Maine.

UMS STRATEGIC PLAN CONNECTION:

The UMS Strategic Plan *Research Actions* support enhancing research capacity and extramural funding competitiveness through access to research infrastructure. Our strategic plan drives us to serve as an engine for innovation for Maine businesses, non-profits, state and local governments, communities, and K-12 schools while promoting and celebrating our faculty and staff's scholarship and creative activity.

BACKGROUND:

President and Vice Chancellor Joan Ferrini-Mundy and Vice President Kelly Sparks will deliver a brief presentation about the University of Maine's centers and off-site locations.

Attachment

[Offsite Location Follow up 8.9.24](#)



The University of Maine Offsite Locations



University of Maine System
Centers and Off-site Locations

	Pages
UM / UMM	2
Farms	3-14
Coop Ext. County Offices	15-47
4-H Camps	48-56
Marine Centers	57-78
Other Areas	79-87
UMA	88
Centers	89-111
Residential Halls	112-117
UMFK	118
Wilderness Camp	119-120
USM	121
Haynes Building	122-123

Prepared for the UMS Board of Trustees
June 2024

UMaine Centers and Off-site Locations

Farms

	Page
Aroostook Farm	4
Blueberry Hill	7
Highmoor Farm	10
J. Franklin Witter Farm	12

gricultural and Forest Experiment Station provides capacity support to...
...ment and applied research to address issues and develop opportu...
...ne.

University of Maine's land, sea and space grant service missions...
...also must transfer research findings to Maine's people, businesse...
...who can benefit from this new knowledge. This integration of rese...
...public education ensures that people learn the most current info...
...fields. These connections ensure faculty hear from the people...
...of future research.

ns, which were created by the Hatch Act of 1887, are a key c...
...ity system. Through this act federal grant funds are paid to...
...land grant universities. A major portion of the federal funds...

UMaine Centers and Off-site Locations

Extension County Offices

	Page		Page
Androscoggin/Sagadahoc	16	Oxford	34
Aroostook	18, 20, 22	Penobscot	36
Cumberland	24	Piscataquis	38
Franklin	26	Somerset	40
Hancock	28	Waldo	42
Kennebec	30	Washington	44
Knox/Lincoln	32	York	46

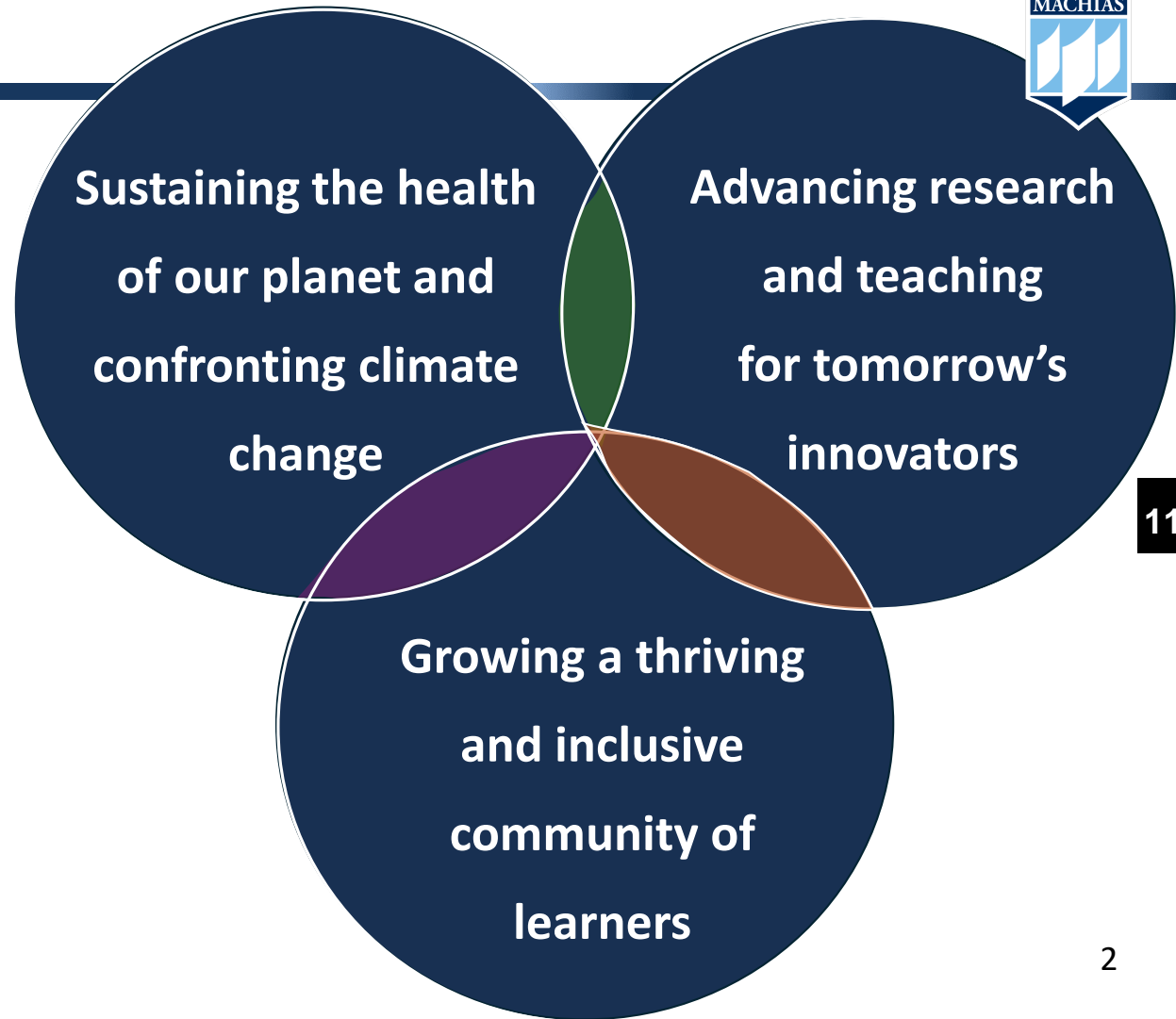
Enabling Legislation For Cooperative Extension County Offices

UMaine Cooperative Extension is part of the Cooperative Extension System, a publicly funded educational network. This network is composed of the United States Department of Agriculture across the United States. This partnership (USDA NIFA), 74 land-grant institutions, and 3,150 counties bring educational resources from universities to local communities by the passage of the Smith-Lever Act of 1914. Funding is provided through the Smith-Lever Act of 1914 and subsequent amendments, this State useful and practical information on subjects relating to agriculture and natural resources, youth development, and home economics and community life and to encourage the application of the same, there may be inaugurated in each of the several counties of the State extension work which shall be carried on in cooperation with the Trustees of the University of Maine System and the University of Maine. [PL 1985, c. 779, §26 (AMD).]

Extension is the largest outreach component of UMaine's Land Grant mission reaching more people than any other entity in the UMS. Extension has a statewide presence through 16 county offices, four 4-H camps & learning centers, and the Maine Agriculture and Forest Experiment Station. Our county offices are grassroots channels where we connect people to science-based information and education to improve their lives, their homes, their businesses and communities.



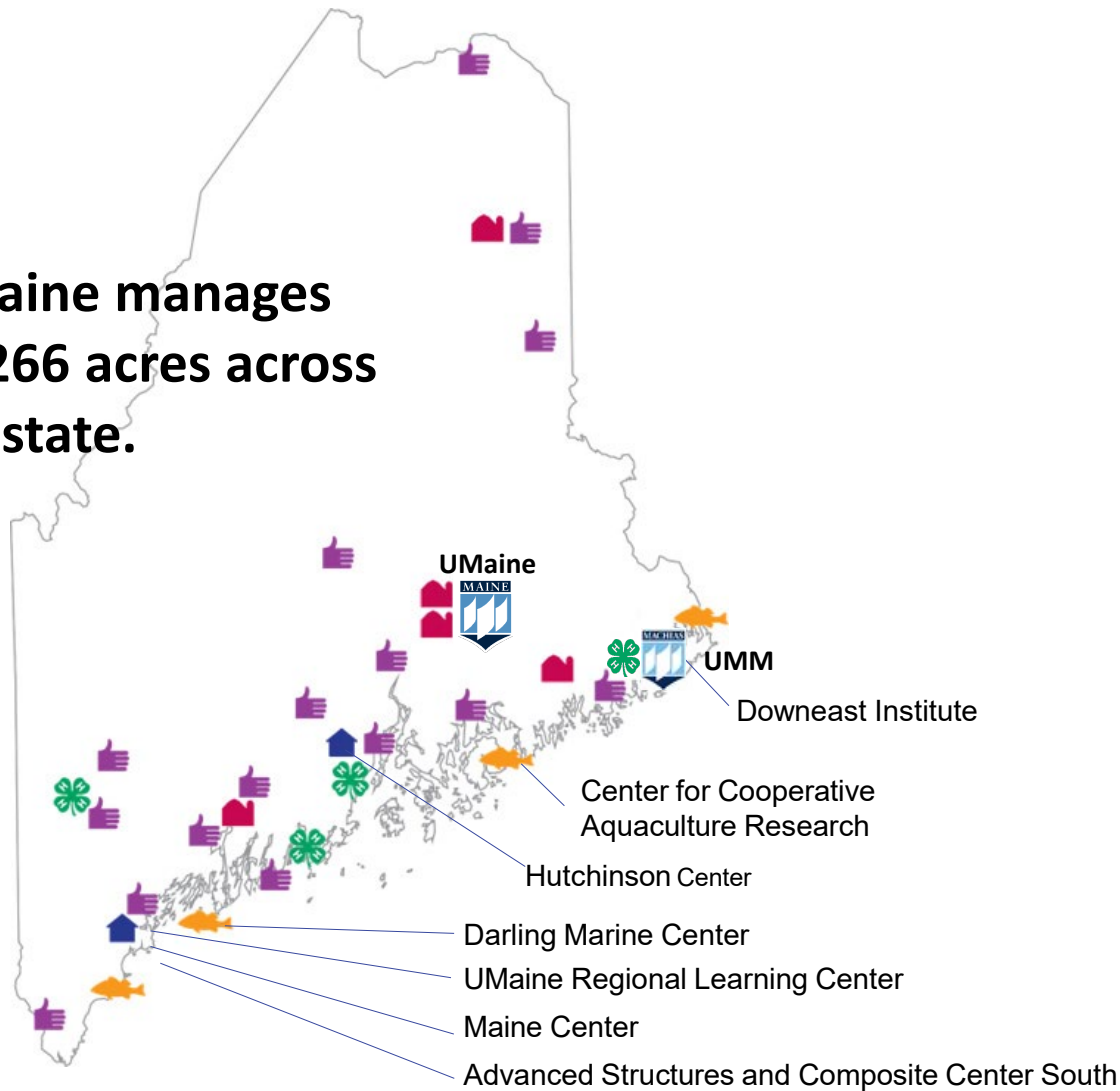
As a world-class, comprehensive, R-1, D-1, land, sea, and space grant institution with a regional campus in Machias and regional sites across the state, UMaine is committed to sustained leadership within the state and system.



11.1



**UMaine manages
11,266 acres across
the state.**



Acreage (owned space)

Contiguous UMaine Campus

(Witter Farm, DeMeritt Forest,
University Park) 1,247

UM Campus 443

UMM Campus 243

University Farms

Aroostook Farm 425

Blueberry Hill Farm 60

Highmoor Farm 278

Rogers Farm 122

J.F. Witter Center 360

Research Facilities 194

University Forests 7,894

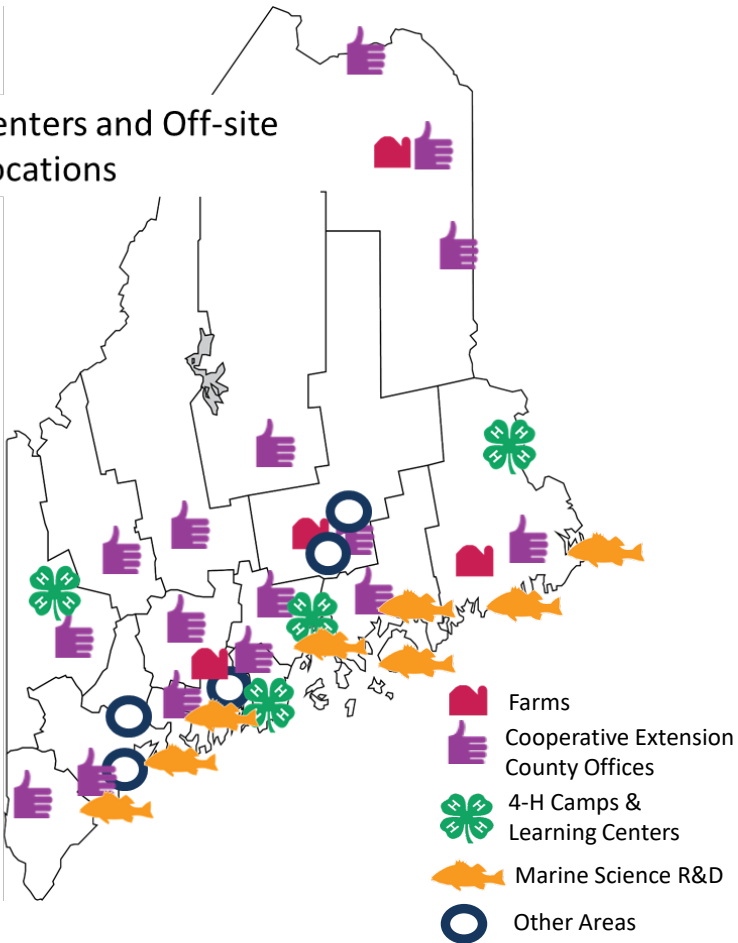
Total 11,266 acres

11.1



Our offsite locations are defined by our land grant mission.

Centers and Off-site Locations



The Morrill Act

The land-grant system began with the Morrill Land Grant Act of 1862, signed into law by President Abraham Lincoln. States were to establish colleges that would focus on teaching agriculture, mechanical arts, and military tactics, along with classical studies. The primary goal was to make higher education accessible to the working class and to promote practical education in agriculture and the mechanical arts.

1862

1887

The Hatch Act

1890

The Second Morrill Act

1914

The Smith Lever Act

1935

The Bankhead-Jones Act₄

11.1



Farms

University of Maine farms provide practical, how-to agricultural solutions based on university research for new and experienced farmers.

Our agriculture experts help keep Maine farms financially, environmentally, and socially sustainable.



Cooperative Extension

UMaine Extension connects people to science-based information to improve their lives, their homes, their businesses and communities in every county in Maine.

County offices are located in each county throughout the state.

Each office operates differently, based on need and their operating budgets.



4-H Camps

UMaine Extension's 4-H Camps and Learning Centers' serve youth from Maine and beyond with our signature blend of outdoor skills, arts and sciences, and leadership development.



Marine Science

Our eight Marine Centers provide innovative transdisciplinary marine research, education, and strategic partnerships, transformative solutions that improve the quality of life and enhance the social and economic wellbeing of the people of Maine and beyond.



Forests

The University Forests Office manages the forestlands owned by the University of Maine and the University of Maine Foundation, consisting of:

Dwight B. Demeritt Forest: 2,700+ acres in Old Town and Orono Campus, MAFES, and Outlying Woodlands: 3,231 acres of land owned by the University of Maine

Penobscot Experimental Forest: 3,587 acres in Bradley and Eddington.

Green Endowment Lands: 3,775 acres, donated to the University Foundation for the benefit of the University of Maine.





There are 4.9 million gross square feet of space in operation at UMaine.



University owned buildings, all locations	325
University building area	4.9M gsf
Combined net asset value*	48 <small>*weighted average</small>
Building value for university assets	\$2.307B
Contents value for university assets	\$564M



And 274,000 gross square feet at UMaine Machias.



11.1

University owned buildings	10	
University building area	274,000 gsf	
Combined net asset value*	51	*weighted average
Building value for university assets	\$106.6M	
Contents value for university assets	\$52.2M	



MAFES

UMaine Cooperative Extension is the largest outreach component within UMaine's Land Grant mission. Extension is the only entity in the state that touches every aspect of the Maine Food System—where policy, research, production, process, commerce, nutrition, and food security and safety are interrelated. This work is crucial to support, sustain and grow the food-based economy in Maine. Additionally we reach over 8,000 youth through our summer camp programs and in partnerships with K-12 schools and an additional 16,000 youth through our 4-H program, which is the state's most successful out-of-school education program. Additionally we provide research and education programs in other areas of economic importance to the state of Maine.

Cooperative Extension

UMaine Cooperative Extension is the largest outreach component within UMaine's Land Grant mission. Extension is the only entity in the state that touches every aspect of the Maine Food System—where policy, research, production, process, commerce, nutrition, and food security and safety are interrelated. This work is crucial to support, sustain and grow the food-based economy in Maine. Additionally, we reach over 8,000 youth through our summer camp programs and in partnerships with K-12 schools and an additional 16,000 youth through our 4-H program, which is the state's most successful out-of-school education program. Additionally, we provide research and education programs in other areas of economic importance to the state of Maine.

11.1



Marine Science

Our eight Marine Centers provide innovative transdisciplinary marine research, education, and strategic partnerships, transformative solutions that improve the quality of life and enhance the social and economic wellbeing of the people of Maine and beyond.

8



UMaine operates four research farms across the State.

Aroostook Farm, Presque Isle



Lease/Own: Own

Square Footage

59,325 gsf
14 buildings and 425 acres

Operating Costs: \$397,301 (fund 12)

Funding Source

Fund 12 Exp. Station, research grants, Maine Jobs and Recovery Plan, some rotational crop (grain) sales, licensing fees received from the Farm improved potato varieties.

Product: Potato research

Blueberry Hill, Jonesboro



Lease/Own: Own

Square Footage

10,825 gsf
5 buildings and 32 acres

Operating Costs: \$259,480

fund 12 - \$166,623
fund 23 - \$92,857

Funding Source

Fund 12 & 23 Exp. Station, grants estimated at \$620,000 per year, CDS, blueberry sales.

Product: Blueberry research

Highmoor Farm, Monmouth



Lease/Own: Own

Square Footage

34,178 gsf
10 buildings and 278 acres

Operating Costs: \$195,492

fund 12 - \$146,682
fund 23 - \$48,810

Funding Source

Fund 12 and 23 MAFES, grants, apple and produce sales.

Product: Apples, peaches and vegetable research

J. Franklin Witter Farm, Orono



Lease/Own: Own

Square Footage

71,500 gsf
16 buildings, 250 acres

Operating Costs: \$578,403 (fund 12)

Funding Source

Experiment Station, estimated \$200,000 grants/year, donations, milk sales, bull calf sales, students paying tuition and fees.

Product: dairy and equine science research

11.1



The Maine Board of Agriculture advises the Chancellor of the University of Maine System (UMS) and the President of the University of Maine on matters concerning the research conducted by the Maine Agricultural and Forest Experiment Station and the agricultural-related educational programs offered by the College of Earth, Life and Health Sciences and the University of Maine Cooperative Extension, including farm-based programs.



UMaine will explore the following opportunities at our farms and forests.



Operational Efficiency

centralize facilities management to reduce operating costs; tear down old structures; explore consolidation of farms and cooperative extension sites; increase strategic harvesting from the MAFES Forests for revenue generation.

Opportunity

further activate research due to E&G, MAFES, MJRP and CDS investment in facilities:

- licensing potato varieties
- expanded research on blueberry harvesting, irrigation, and fresh packing
- expanded research in animal science including the impact of robotic milking

11.1

Workforce Development

expand agriculture and forestry workforce development opportunities

10



Maine Agricultural and Forest Experimentation Station

The U.S. land-grant Universities founded with Federal Capacity Funds.

The Hatch Act of 1887 and subsequent congressional authorizations funded the creation of nation-wide agricultural experiment stations system. The USDA estimates that there are more than 13,000 scientists currently employed at Experiment Stations nationwide.

The Hatch Act is a “Capacity Grant” as the funds give states the capacity to study emerging issues in agriculture, forestry and other natural resource areas. Other capacity grants in the land-grant university system are Smith-Lever (Cooperative Extension) and McIntire-Stennis (Forestry).

The Maine Agricultural and Forest Experiment Station (MAFES), is part of the College of Earth, Life and Health Sciences (ELH).

- Five farms (Aroostook Farm, Blueberry Hill, Witter, Highmoor (and also Rogers and Wyman’s Center); Analytical and Soil Sciences Lab; Pilot Lab and Commercial Kitchen; Sawmill and Experimental Forest;
- Admin home Page Farm and Home Museum, & Orono Bog Walk
- Over 80 of the College’s 176 ELH faculty are MAFES members, where some of their base salary is paid with MAFES funds State-wide and beyond presence
- MAFES funds provide critical mass and comprehensive agricultural and natural resource academic departments.
- MAFES supports 50 graduate student positions and leverages 18 more. Of the 68 MAFES graduate students, 32 are Ph.D.
- MAFES is housed in the College of Earth, Life and Heath (ELH). Primarily due to the MAFES PhDs, ELH graduated 35 doctorates last year, which is 43% of the UMaine total.
- The MAFES faculty receive \$23 million per year in external funding.

11.1



UMaine collaborates with all Maine Counties to operate extension offices.



The Maine Legislative Statute for Cooperative Extension states: In order to aid in diffusing among the people of this State useful and practical information on subjects relating to agriculture and natural resources, youth development, and home economics and community life and to encourage the application of the same, there may be inaugurated in each of the several counties of the State extension work which shall be carried on in cooperation with the Trustees of the University of Maine System and the University of Maine. [PL 1985, c. 779, §26 (AMD).]

We operate differently in each county based on need and their operating budgets

University Leased Buildings: There are three leased buildings; all others are in county or municipal buildings

Operating Costs: Most operating costs are covered by the county, with \$12,226 funded by MAFES

Grants and Contracts: \$5,107,847

Employees: 88

People Served: 36,550

Programs: educational, agricultural and economic

11.1

12



We operate 4-H Camps and Learning Centers, serving more than 8,000.

The 4-H Camps & Learning Centers are revenue-generating entities--there are no E&G investments. With that, the youth that participate in the K-12 programs, grant-funded programs and summer camping programs have positive learning experiences that connect them to the University of Maine. Efforts are underway to formalize recruitment initiatives for the thousands of Maine youth who participate in these programs.



Blueberry Cove, Tenants Harbor



Lease/Own: Leased, \$41,632 annual cost

Square Footage

15,151 gsf with 30 acres with 24 buildings

Operating Costs: \$285,000 total, \$113,206 E&G, and \$171,794 MAFES

Funding Source

external, including fee-based programming, grants, gifts and fundraising

People served at location

1,900

Bryant Pond, Bryant Pond



Lease/Own: Leased, \$99,880 annual cost

Square Footage

298 acres with 18 buildings

Operating Costs: \$904,000 total, \$621,620 E&G, \$282,380 MAFES

Funding Source

external, including fee-based programming, grants, gifts and fundraising

Value of Current Grants and Contracts

Awarded \$790,219

People served at location

2,800

Greenland Point, Princeton



Lease/Own: Leased, \$800 annual cost

Square Footage

Consisting of 45+/- acres

Operating Costs: \$111,250 total, \$111,250 MAFES

Funding Source

external, including fee-based programming, grants, gifts

Value of Current Grants and Contracts

Awarded \$85,000

People served at location

300

Tanglewood, Lincolnville



Lease/Own: Leased, \$1.00 annual cost

Square Footage

900 acres with 40 buildings

Operating Costs: \$496,257 total, \$496,257 MAFES

Funding Source: external, including fee-based programming, grants, gifts

Value of Current Grants and Contracts

Awarded \$263,593

People served at location

2,000



UMaine will explore efficiencies and opportunities for further programming.



Operational Efficiency

centralize facilities management to reduce operating costs; explore consolidation of farms and cooperative extension sites

Opportunity

further regional assistance: commercial farmers and home gardeners, nutrition education, youth programs, plant disease diagnostic services, tick identification services, and pest identification services. In addition, issues such as food security are addressed through Master Gardener volunteer projects and participation in the Maine Harvest for Hunger network and efforts.

11.1

Program goals of each county extension office are derived from three sources: (1) USDA - NIFA Plan of Work (POW) which is required as part of UMaine Extension Smith-Lever Capacity grant funding; (2) needs and issues identification by UMaine Extension leadership, faculty and staff, and (3) by county extension associations, which are part of Maine Statue ([PL 1985, c. 779, §28 (AMD)]).

14



Associated with our Sea Grant mission, we have eight Marine Centers.

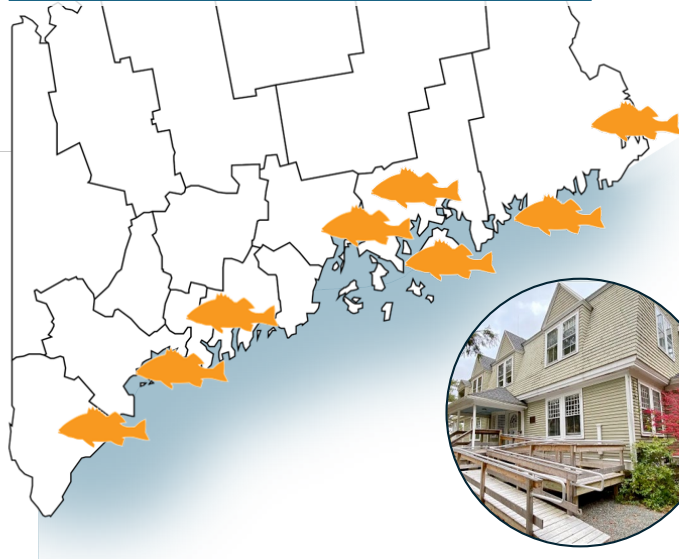
University owned / leased Buildings & GSF:
54 spaces totaling 169,804 gs.

University owned acreage: 179

Operating costs: \$4,192,777
(\$200K funded by E&G with remainder funded from grants MEIF and MAFES)

Employees: 47

People served: 22,966



UNIQUE FUNCTIONS SERVING OUR SEA GRANT STATUS



Eastport Authority

Wells National Estuarine Research Reserve and Sea

Grant Brunswick: Extension Offices & Sea Grant

Darling Marine Center

Center of marine and environmental research and education

College of the Atlantic

Capacity building and facilitation for coastal communities

Downeast Institute

Marine Science Field Station for UMM

Gulf of Maine Research Institute

access to boats and equipment needed for marine science research in Portland area.

Center for Cooperative Aquaculture Research

aquaculture industry incubator and research facility

11.1



We will explore opportunities to reduce leased space.



Operational Efficiency

centralize facilities management to reduce operating costs; reduce office footprint; reduce leased space

Opportunity

further activate economic development due to CDS investment in facilities at CCAR in mariculture

11.1

Workforce Development

expand marine workforce development opportunities



We lease specialized space for advanced research.

ASCC - Brunswick



The University of Maine Advanced Structures and Composites Center (ASCC) is a world-leading, interdisciplinary center for research, education, and economic development encompassing material sciences, advanced manufacturing, and engineering of composites and structures.

ASCC - Portland



ND Paper Mill, FBRI Research



The Technology Research Center (TRC), in Old Town, Maine, is a commercial-scale facility dedicated to advancing developing fuel, chemical and advanced material technologies from forest bioproducts.

11.1



We elevate downtown Bangor with the Zillman Art Museum.



- Only art museum in the Bangor/Maine Highland region and supports UMaine's land-grant mission of service to Maine people.
- Operating in downtown Bangor for 22 years, ZAM is a center of cultural enrichment and life-long learning in the visual arts.
- Rotating exhibitions of a permanent collection of over 5,000 works of art and nationally significant artists. Presents an array of annual educational programs for youth, UMaine students and adults.
- Facility features a state-of-the-art collections storage vault built in 2015.





University of Maine System Centers and Off-site Locations

	Pages
UM / UMM	2
Farms	3-14
Coop Ext. County Offices	15-47
4-H Camps	48-56
Marine Centers	57-78
Other Areas	79-87
UMA	88
Centers	89-111
Residential Halls	112-117
UMFK	118
Wilderness Camp	119-120
USM	121
Haynes Building	122-123

Prepared for the UMS
Board of Trustees
June 2024

UMaine Centers and Off-site Locations



Farms

	Page
Aroostook Farm	4
Blueberry Hill	7
Highmoor Farm	10
J. Franklin Witter Farm	12

Questions?

UMaine Centers and Off-site Locations



Extension County Offices

	Page		Page
Androscoggin/Sagadahoc	16	Oxford	34
Aroostook	18, 20, 22	Penobscot	36
Cumberland	24	Piscataquis	38
Franklin	26	Somerset	40
Hennepe	28	Waldo	42
Kennebec	30	Washington	44
Knox/Lincoln	32	York	46

Enabling Legislation For Cooperative Extension County Offices

UMaine Cooperative Extension is part of the Cooperative Extension System, a publicly funded educational network. This network is composed of the United States Department of Agriculture National Institute of Food and Agriculture (USDA NIFA), 74 land-grant institutions, and 3,150 counties across the United States. This partnership of federal, state and local governments was authorized to bring educational resources from universities to local communities by the passage of the Smith-Lever Act of 1914. Funding is provided through the Smith-Lever Act of 1914 and subsequent amendments, state appropriations, local county government support, and outside grants and contracts. The Maine Legislative Statute for Cooperative Extension states: In order to aid in diffusing among the people of this State useful and practical information on subjects relating to agriculture and natural resources, youth development, and home economics and community life and to encourage the application of the same, there may be inaugurated in each of the several counties of the State extension work which shall be carried on in cooperation with the Trustees of the University of Maine extension work which shall be carried on in cooperation with the Trustees of the University of Maine System and the University of Maine. [PL 1985, c. 779, §26 (AMD).]

Extension is the largest outreach component of UMaine's Land Grant mission reaching more people than any other entity in the UMS. Extension has a statewide presence through 16 county offices, four 4-H camps & learning centers, and the Maine Agriculture and Forest Experiment Station. Our county offices are grassroots channels where we connect people to science-based information and education to improve their lives, their homes, their businesses and communities.

