

Campus Planning Committee

Facilities Planning & Management September 30, 2021

AGENDA



1. Welcome & Introductions

1. Old Business

a) Approval of September 23, 2021 meeting minutes (Action)

2. New Business

- a) Biennial Capital Budget Priorities & Ranking Criteria
- b) 2023-25 BDB & 2023-29 Six-Year Capital Development Presentations
 - 1. College of Agriculture & Life Sciences
 - 2. School of Nursing
 - 3. University Housing
 - 4. UW Police Department

3. Announcements

a) Upcoming meeting for Fall Semester

4. Adjournment

2023-25 Capital Budget & 2023-29 Six-Year Capital Development Planning Priorities

1. Strategic alignment to optimize resources and meet campus goals

- UW-Madison Strategic Plan priorities
- Revenue Innovation Study recommendations
- 2015 Campus Master Plan
- Previously submitted priority projects



2. Create adaptable, **healthy, sustainable, resilient and safe** facilities

- · Support university sustainability and resiliency initiatives
- Supports Chancellor Blank's Second Nature Resilience Commitment
- Commit to renewable energy systems and reduce our energy consumption
- Respond to social justice, equity and inclusion
- Commit to ecological, climate change mitigation and stormwater management initiatives
- Continue to promote wellness, wellbeing, health and safety of our campus community

3. Maximize the use of campus facilities.

- · Reprogram, renovate and reuse existing facilities
- Remove underutilized and obsolete facilities (~1.3 M GSF in the next 10 years)
- Prioritize new facilities to support UW-Madison's mission and align modern technologies with research needs and contemporary pedagogies
- Support space utilization efficiencies
- Enhance telecommuting options by creating flexible, multi-user work environments

4. Reduce deferred maintenance & create easily maintainable facilities

• Infrastructure and building upgrades in classroom & research buildings

2023-29 FP&M Capital Budget Review & Ranking Criteria

	Points	Wt.	TOTAL
 1. Strategic alignment to optimize resources A. Project supports at least one of the university strategic priorities B. Project supports more than one university strategic priority C. Project supports revenue innovation strategies D. Project enables a future, high-priority capital project E. Project is a high priority in the SCD Facility Master Plan 	25 A. 5 B. 5 C. 5 D. 5 E. 5	30	750
 2. Create adaptable, healthy, sustainable, resilient & safe facilities A. Project creates new adaptable facilities or renovates existing to be more adaptable for a future use B. Project meets at least one of UW-Madison sustainability goals C. Projects meets more than one UW-Madison sustainability goal D. Project addresses ecological and/or environmental resiliency E. Project specifically supports social justice, social equity and/or outreach to minority communities 	25 A. 5 B. 5 C. 5 D. 5 E. 5	20	500
 3. Maximize the use of campus facilities A. Project reuses, renovates and/or remodels an existing facility with no new net GSF B. Project reuses, renovates and/or remodels an existing facility with a significant reduction in GSF C. Project is a new building addition and renovates, remodels, reuses an existing building D. Project is a new building that removes and existing building(s) with a net decrease in GSF E. Project is a new building with a net increase in GSF that maximizes reuse of other facilities 	25 A. 5 B. 5 C. 5 D. 5 E. 5	20	500
 4. Reduce deferred maintenance & create easily maintainable facilities A. Project recapitalizes significant building systems B. Project removes a facility with significant deferred maintenance C. Project cost of capital investment is less than the cost of annual maintenance D. Project addresses issues as identified with a low Facility Condition Assessment E. Project addresses existing safety or code issues 	25 A. 5 B. 5 C. 5 D. 5 E. 5	20	500
5. Overall University support for the project	25	10	250
Note: The FP&M review & ranking process does NOT consider total project budget. Review & ranking is based on how well the projects meet the above strategic criteria. TOTAL:			2,500



College of Agriculture & Life Sciences 2023-29 Six-Year Capital Plan Request

Sr. Assoc. Dean Mark Rickenbach, Campus Planning Committee Meeting September 30, 2021

CALS Overview

- 16 academic departments
- 13 centers
- 230 faculty FTE
- 731 staff FTE
- Ranked 8th in QS World University Rankings (Ag & Forestry)

Food Systems Bioenergy and Bioproducts Economic 0 and Community Healthy Development Ecosystems Health and Changing Wellness Climate

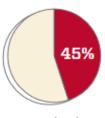
Instruction

- Undergraduates enrolled: 2,892
- Undergraduate majors: 23

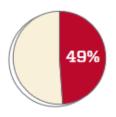
CALS embraces
high-impact,
hands-on, practical
experiences for
undergraduates:



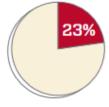
completed a freshman seminar, an international course, and a capstone course



completed independent research



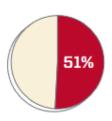
completed an internship



Graduate students enrolled: 913

Graduate program participation: 27

participated in study abroad



completed at least one certificate and/or an additional major

CALS Overview

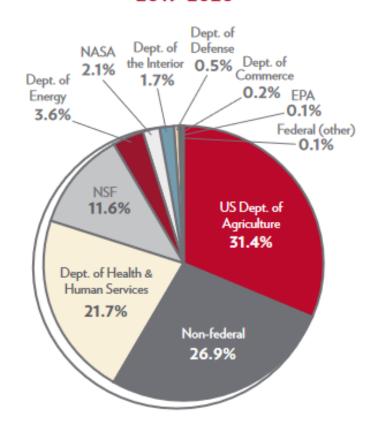
- Total research funding: \$95.8M
- Invention disclosures: 44



Plant sciences in CALS

- 9 departments
- 4 centers
- 12 research stations
- Plant Breeding and Plant Genetics grad program

Research Funding



- WI #1 in cranberry production
- WI #3 in potato production
- "America's Dairyland" includes forages

USDA-ARS Plant Germplasm Research Facility

- Project would be federally funded (\$39.7M)
- 51,300 GSF, including 3 new greenhouses
- Supports both USDA ARS Vegetable Crops Research unit and UW plant breeders
- Cold storage rooms for tubers, roots and seeds to maintain viability
- New home for USDA Potato Genebank



New facility would replace:

- Carrot & Beet Lab
- Horticulture Annex Building
- Tuber & Root storage facility at Arlington ARS





Marshfield Agricultural Research Station New Headquarters Building

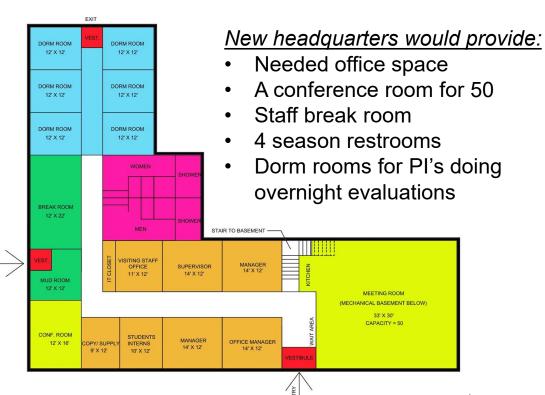


- Limited office space
- No conference or meeting space
- No employee break space
- No water in winter- line must be drained or it will freeze



Station is currently supporting:

- 30 active animal research projects
- 54 active field research studies
- 125 lactating dairy cows
- Raising 490 heifers for CALS research



Walnut Street Greenhouses Phase 2

- 2 new high quality research wings
- 16 added greenhouses
- Would replace some of the space lost due to the closing of the Biotron
- Approximately 9,800 GSF of new space
- No demolition of 1960's houses
- Utility spine from 2005 project would be

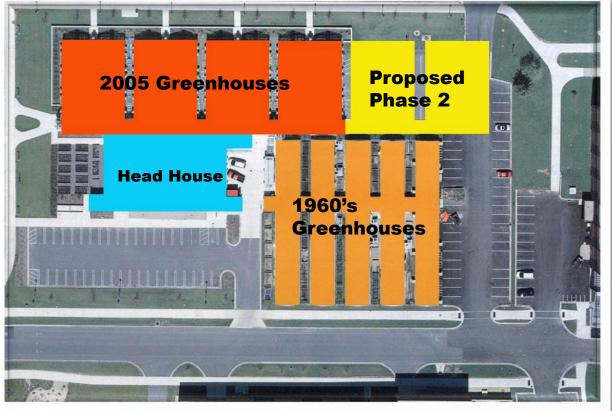
extended

• \$8.5M

Typical 2005 greenhouse

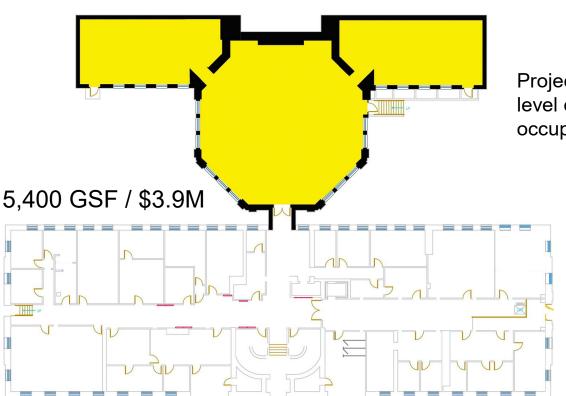


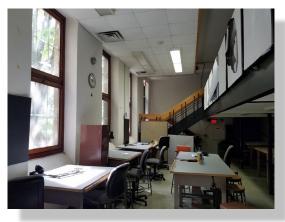
- Currently used by 14 departments/ programs
- 90-120 projects currently underway
- 45-50 faculty using the facility at any given time
- Used by 150-170 post docs/undergrads/grad students



Agricultural Hall Student Services Center

- Would provide space for the more than 20 student organizations without designated space
- New space for career services & corporate recruiter interviews
- Space for alumni mentoring activities & international study programs





Project would renovate the basement level of Agricultural Hall currently occupied by Landscape Architecture



Walnut Street Greenhouses Phase 3



View from the Southeast

- 3 new high quality research wings
- 24 greenhouses added (13,680 GSF)
- Greenhouses would provide precise humidity, temperature and lighting controls
- Structures would be 3 feet taller to allow for taller crop studies (corn)
- \$19.8M



- Existing wood frame greenhouses would be demolished
- All greenhouses would be out of the shadow of the Cogen plant
- New parking lot on south side to replace parking lost to new wings
- Expanded loading dock and storage included

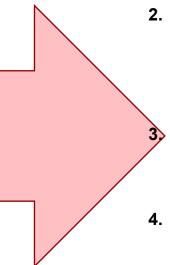
Connecting Strategic Plan to a Facilities Plan

Strategic Objectives

- 1. Direct instructional resources toward activities and policies that will meet growing need and demand for specific educational programs while developing innovative methods of delivering knowledge and advancing student learning.
- 2. Create educational offerings that respond to emerging scientific developments and opportunities as well as student needs.
- 3. Support pursuit of the basic scientific knowledge that will enable advances in theme areas.
- Provide incentives and lower barriers for research projects addressing complex challenges, including interdisciplinary projects and those bridging basic and applied disciplines.
- 5. Support processes that enable greater collaboration across departments, centers and programs.
- 6. Collaborate to maximize effectiveness and efficiency of administrative services.
- 7. Partner strategically across the campus, around the state and beyond in the pursuit of our mission, vision, themes and strategies.

Major Project Priorities 2023-29

- 1. USDA-ARS Plant Germplasm Research Facility
 - 52,300 GSF
 - \$39.7M
 - Federal appropriation
- 2. Marshfield ARS New Headquarters Building
 - 5.77 GSF
 - \$4.02M
 - Gift/grant
 - Proposed Biennium: 2023-25
 - Walnut Street Greenhouses Phase 2
 - 9800 GSF
 - \$8.51M
 - Proposed Biennium: 2025-27
- 4. Agricultural Hall student service center (remodel)
 - 5400 GSF
 - \$3.9M
 - Proposed Biennium: 2027-29
- 5. Walnut Street Greenhouses Phase 3
 - 13800 GSF
 - \$19.86M
 - Proposed Biennium: 2029-31



Questions?



School of Nursing 2023-29 Six-Year Capital Plan Request

Linda D. Scott, Dean Campus Planning Committee Meeting September 30, 2021

School of Nursing (SoN) Overview

Strategic focus: Address critical needs for preparing nurse leaders for the future of care.

- Educate more qualified students for nursing profession
- Graduate more nurses to address gaps in workforce
- Increase faculty research in critical areas

Signe Skott Cooper Hall (SSCH) opened in 2014; with:

- Space to accommodate projected 30% capacity growth in original (2014) structure; and
- Vision and infrastructure to support projected additional space needs with three additional floors.

SSCH has met/exceeded projected 30% growth

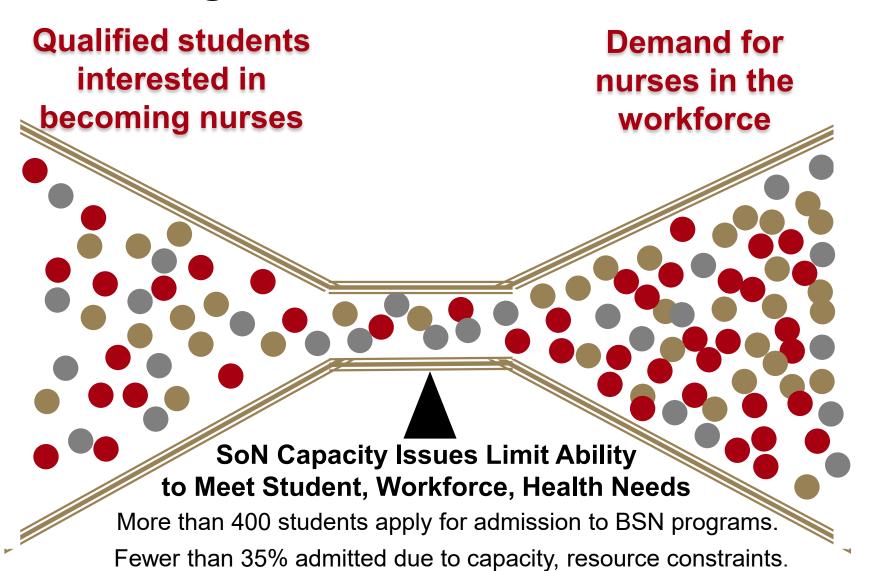
- Faculty/Staff: 47% growth to 2020
- Students: 13% growth to 2020

Why is SoN Growth Urgent?

SSCH expansion fulfills vision for the building and enables SoN to meet nursing education, workforce, research, and health needs.

- State and national nursing workforce shortage requires educating and graduating more nurses.
- Qualified, interested pre-nursing students are denied admission to SoN due to capacity needs.
- Faculty recruitment, retention, teaching, and research in critical areas rely on facilities.
- SoN has added personnel to support programs and research growth.

Educating Students for the Future of Care



Desired admission cohort size for traditional BSN program is an increase from 160 to 200 students; reflecting an increase of 25%

Estimated Number of Nursing Graduates Needed Annually to Meet Projected Demand in Wisconsin

2020	3,800
2025	9,800
2030	16,700
2035	23,100
2040	27,700

Wisconsin schools graduate slightly over 3,000 nurses a year.

Wisconsin Center for Nursing

Signe Skott Cooper Hall (SSCH) Expansion

- Add 34,000 GSF over two-story north wing of SSCH, in the form of three floors above existing space
- Renovation of existing floors 3, 4, and 5 to reconfigure and connect addition to structure
- Private/shared office space and research space similar to 3rd and 4th floor layouts

The existing structure includes physical and mechanical infrastructure to support the vertical expansion.

Signe Skott Cooper Hall Expansion

- Budget estimate: \$25M
- We are moving forward with FP&M to produce construction designs which will allow us to obtain a more accurate budget estimate.
- Source of funding: Philanthropy associated with the 100th anniversary of the UW-Madison School of Nursing.
- Centennial Campaign scope will include pursuit of a \$25M single or combined naming gift to fund SSCH expansion, in addition to primary campaign.

Proposed SSCH Expansion

View from Southeast of Building from Observatory Drive



Signe Skott Cooper Hall Expansion

- January 2021: Centennial Campaign Launched
- 2021-2024: Naming Gift Secured
- During 2023: SSCH Expansion Project Design
- January 2027: SSCH Expansion Construction Starts
- During 2028: SSCH Expansion Completion



January 2021 2023 January 2027 2028 23

Connecting Strategic Plan to a Facilities Plan

Address critical needs for preparing nurse leaders for the future of care.

Educate more qualified students for nursing profession

Graduate more nurses to address gaps in workforce

Increase faculty research in critical areas

Project Description

- 34,000 GSF, through addition of three floors above existing two floors
- Renovate and reconfigure existing space to create office and research space to support TT faculty and program growth
- \$25M Budget
- Proposed biennium 27-29

Questions?



Division of University Housing 2023-29 Six-Year Capital Plan Request

Jeff Novak, Director of University Housing Campus Planning Committee Meeting September 30, 2021

To support the mission of UW-Madison, the Division of University Housing strives to:

- Provide a place for students to call home
- Provide the highest levels of customer service
- Contribute to each student's academic success
- Develop residential communities for our students
- Be good stewards of our residents' room & board fees/apartment rent

2021-22 Resident Profile:

- 8,469 residents + 206 live-in student staff
- **54.6%** female, **45.4%** male
- 46.4% residents from Wisconsin
- 55.2% out-of-state, 8.4% international
- 90% first-year, 10% returning
- 67 countries/regions around the world
- 2,198 students of color
- 49 states
- Housed 87.2% of fall 2021's first-year class



Academics and Student Life:

- First-year students living on campus get better grades and feel more connected to the University
- Over 95% retention rate for the first year of college among students living on campus
- 89% six-year graduation rate among students who lived in University Residence Halls
- 170 course sections taught in residence halls each year enrolling over
 3,000 students across 11 on-site classrooms
- Over 3,300 hours of tutoring offered each year in Writing, Mathematics, and Chemistry
- Over 7,000 advising contacts provided per year at Cross-College Advising Service Offices in the residence halls
- Over 3,500 activities/events planned by Residence Life annually

Master Plan

- Initiated a master plan that began in 2004
- Proactively **continue to enhance and adjust** the master plan for residence halls, dining units, and university apartments.
- Over \$400 million will have been invested in five new buildings and the renovation of virtually all of the other facilities.

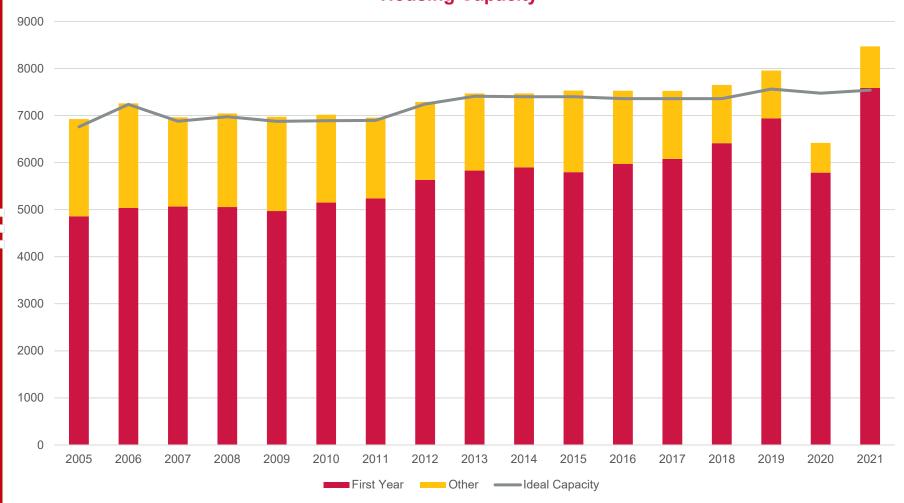
Strategic Plans Goals and Strategies

- Maintain high quality programs and services
- Provide space for all first-year students who want to live on campus
- Improve residence hall and food service facilities
- Keep room rates as low as possible

Current Status

- Planned four-year growth in enrollment by 250 students per year.
- History appears to be repeating itself, and University Housing is faced with familiar capacity challenges.
- Overall, the situation is manageable, but not without challenges that impact students.

Housing Capacity



University's strategic priorities:

- Enhance the educational experience
- Expand and improve student access









Impacts to program if projects not approved:

- 1. Maintaining high quality programs and services.
- 2. Providing a space for all first-year students and transfers who want to live on campus.
- 3. Maintaining competitive food service facilities.
- 4. Maintaining room rates as low as possible.
 - Costs escalate.
- 5. Always 100% capacity and service over 17,000 summer guests annually
 - These buildings get no rest!
 - Vocal customer base with very high expectations!
- 6. The **timing** of projects is critical:
 - If we lose a summer renovation, all future project are pushed out.

Gordon Dining & Event Center Renovation & Addition

Proposed Biennium (2023-2025) \$19,200,000, \$4,800,000 PR-Cash and \$14,400,000 PRSB

- Rise in customer traffic leading to significant lines at venues, cashier stations, tray return area and have trouble finding available seating
- Customer traffic will increase more when additional housing is built in the area



Major components:

- Increase seating
- Expand tray return area
- Remapping marketplace to increase efficiency



3

Kronshage Residence Hall Renovation

Proposed Biennium (2023-2025) **\$40,000,000** (\$10,000,000 PR-Cash and \$30,000,000 PRSB)

Major components:
Safety systems (sprinklers and fire alarm systems)
Mechanical systems (plumbing, electrical

and HVAC)

• Exterior envelope (windows, tuck pointing) and roofs)Hazardous material removal

 Accessibility upgrades including three new elevators

Bathrooms and building finishes
Reconfiguration of partition walls to create new resident rooms, bathrooms, study spaces and support spaces



Barnard Residence Hall Renovation

Proposed Biennium (2023-2025) **\$5,000,000** (\$1,250,000 PR-Cash, \$3,750,000 PRSB)



Major components:

- HVAC
- Exterior envelope (roof and windows)
- Safety systems (sprinklers and fire alarm systems)
- Elevator
- Bathroom upgrades

Adams and Tripp Residence Hall Renovation

Proposed Biennium (2023-2025) **\$10,400,000** (\$2,600,000 PR-Cash, \$7,800,000 PRSB)

Major components:

- **HVAC**
- Exterior envelope (roof, soffits and windows)
- Safety systems (sprinklers and fire alarm systems)
- Elevator
- Bathroom upgrades



Slichter Hall Renovation

Proposed Biennium (2025-2027) **\$20,400,000** (\$5,100,000 PR-Cash and \$15,300,000 PRSB)



Major components:Safety systems (sprinklers and fire alarm) systems)

Mechanical systems (plumbing, electrical and

Exterior envelope (windows and tuck pointing)
Hazardous material removal

 Accessibility upgrades including the addition of a new elevator

Bathrooms and building finishes
Reconfiguration of the Division of Housing's main administrative office to create new accessible lobby and reception area.

Chadbourne Hall / Rheta's Dining Renovation/Addition

Proposed Biennium (2025-2027) **\$15,700,000** (\$3,925,000 PR-Cash, \$11,775,000 PRSB)

Major components:

- Inefficient kitchen layout
- Additional seating
- Congested serving area
- Fire suppression
- 3000 sqft addition



Waters Hall Renovation

Proposed Biennium (2025-2027) **\$12,000,000** (\$3,000,000 PR-Cash and \$9,000,000 PRSB)



Major components:

- Safety systems (outdated fire alarm systems)
- Mechanical systems (HVAC)
- Exterior envelope (windows and tuck pointing)
- Bathrooms and select finishes

Bradley/Cole/ Sullivan Residence Halls

Proposed Biennium (2027-2029) **\$21,000,000** (\$5,250,000 PR-Cash, \$15,750,000 PRSB)

Major components:

- HVAC systems
- Select building finishes
- Safety systems (fire detection and suppression)







Strategic Objectives

- Maintain high quality programs and services
- 2. Provide space for all first year students who want to live on campus
- 3. Improve residence hall and food service facilities
- 4. Keep room rates as low as possible

Major Project Priorities 2023-25

1. Gordon Dining and Event Center

- 18,600 GSF Renovation and a 9,300 GSF Addition
- \$19,200,000
- Proposed Biennium (2023-2025)
- Construction commence 2024

2. Kronshage Residence Hall Renovation

- 176,000 GSF Renovation
- \$40,000,000
- Proposed Biennium (2023-2025)
- Construction commence 2024

3. Barnard Residence Hall Renovation

- 58,400GSF Renovation
- **•** \$5,000,000
- Proposed Biennium (2023-2025)
- Construction commence 2026

4. Tripp and Adams Halls Renovation

- 179,800 GSF Renovation
- \$10,400,000
- Proposed Biennium (2023-2025)
- Construction commence 2026

Strategic Objectives

- 1. Maintain high quality programs and services
- 2. Provide space for all first-year students who want to live on campus
- 3. Improve residence hall and food service facilities
- 4. Keep room rates as low as possible

Major Project Priorities 2025-27

1. Slichter Residence Hall Renovation

- 63,000 GSF Renovation
- \$20,400,000
- Proposed Biennium (2025-2027)
- Construction commence 2027

2. Rhetas Dining Hall Renovation/Addition

- 22,000 GSF Renovation
- \$15,700,000
- Proposed Biennium (2025-2027)
- Construction commence 2028

3. Water Residence Hall Renovation

- 143,626 GSF Renovation
- \$12,200,000
- Proposed Biennium (2025-2027)
- Construction commence 2028

Strategic Objectives

- Maintain high quality programs and services
- 2. Provide space for all first year students who want to live on campus
- 3. Improve residence hall and food service facilities
- 4. Keep room rates as low as possible

Major Project Priorities 2027-29

- 1. Bradley/Cole/Sullivan Residence Halls Renovation
 - Cole 49,813 GSF Renovation
 - Sullivan 49,023 GSF Renovation
 - Bradley 56,270 GSF Renovation
 - \$21,000,000
 - Proposed Biennium (2027-2029)
 - Construction commence 2030

Questions?



UW-Madison Police Department 2023-29 Six-Year Capital Plan Request

Kristen Roman, Chief of Police Campus Planning Committee Meeting September 30, 2021



UWPD provides more than just basic and traditional police services

- Infrastructure Security
- Emergency Management/EOC
- Self-sustained 24/7 dispatch center
- Lake Rescue and Safety
- Community officers
- Significant experience/expertise in special event planning
- Leadership and involvement in campus-wide committees and panels (i.e. CTDOG, BIT, Threat, and EID)
- Clery Compliance Staff
- Digital Forensics
- Threat Intervention
- Triple Accreditation

New or increased responsibilities:

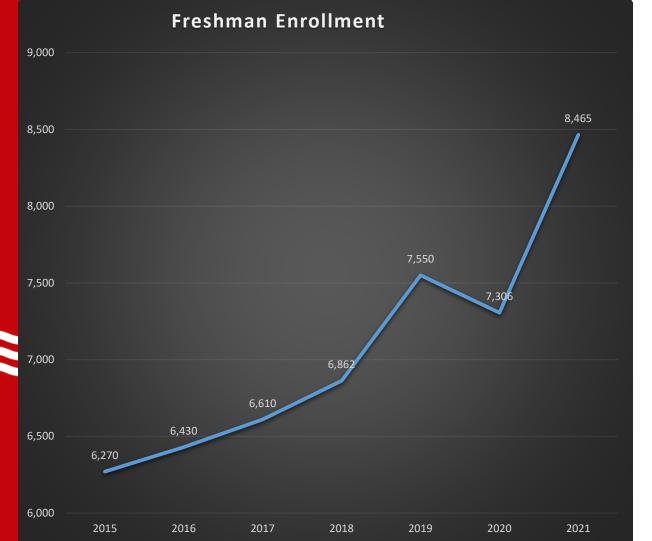
- Racial Equity Initiative
- Police Advisory Council
- UHS/MHS co-responder collaboration
- Upham Woods patrols
- Health Sciences Learning Campus coverage
- Lake Rescue and Safety
- Chazen expansion
- University Hospital
- Access Control and Campus Security Camera programs
- Select Agent lab employee background investigations
- Downtown Liaison Community
 Officer
- Off Campus Safety Alerts

Status of Current UWPD Facilities

- 2017 Major building addition completed
- All units and personnel were brought back together under the same roof
- Filled the space immediately
- Created as much space as we possibly could using the amount of money available at the time
- Our current building cannot expand vertically due to structural and building design limitations
- We are out of space to add more people, workstations, equipment, lockers, vehicles, etc.









The initial planned growth area – undergraduates – presents a specific challenge to UWPD, as most of our police contacts with UW affiliated persons are undergrads.

Those contacts often involve:

- alcohol/drug related issues
- mental health
- · sexual assaults
- thefts
- other forms of victimization

Current and Future State

- UWPD has 146 authorized positions. In 2019 (pre-pandemic) we had been gradually authorized to add ~35 additional employees through 2020-2021 to meet campus growth and rebound from previous cuts however, this plan was paused.
- Existing usable space at 1429 Monroe Street (27,616 ASF) is insufficient to meet current authorized positions.
- Our assigned space at 1433 Monroe Street (3,114 ASF) is used as overflow/surge space but is not sufficient to accommodate the planned growth. In addition, this space is in dire need of renovations to make it operational.
- Additional space (Approximately 4,500 ASF above and beyond the combined current 30,730 ASF) is required to accommodate projected department growth.
- Operational best practice to keep all UWPD employees in close proximity to maximize effectiveness, communication, and collaboration.



Need/Solution

- Space needed for incremental growth over the next 2 years
 - 1. Start with short term renovation of UWPD space at 1433 Monroe Street. This will only be sufficient for 1-2 years
 - 2. Conduct full program/feasibility study of UWPD space and staff needs to confirm the required square footage (estimated 35,230 ASF total)
 - 3. Followed by a large scale project to provide the necessary space based on the results of the study
 - We are not prepared to make this project proposal yet
- Incremental occupancy starting with existing space renovation at 1433 Monroe St.
- Space needed to accommodate more than just workstations/people
 - Vehicles, equipment, armory, locker rooms, showers, storage, confidential meeting space, etc.
- Need for centralized operations to best ensure campus public safety
- UWPD does not have the ability to generate revenue
- UWPD has been able to self fund several internal renovations projects but will not be able to afford a large scale addition alone

UWPD Growth Benefits

- Allow us to continue to incrementally grow and fill spaces since we cannot hire/train at once
- Safety of our campus requires a police department that can work closely and collaboratively together
- Previous separation of UWPD units was not conducive. Campus policing does not lend itself to a decentralized model that some other agencies use
- EID impact
- UWPD supports and impacts the UW-Madison mission

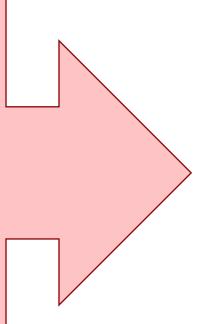
Strategic Objectives

- 1. Provide high quality services to a growing UW community
- 2. Keep all UWPD staff centralized
- 3. Provide necessary space for needed staff

Major Project Priorities 2021-27



- Potential need for a major project based on the results of a feasibility study to confirm the estimated growth need of 4,500 ASF additional square footage above and beyond the current 30,730 ASF
- No cost estimate available at this time



Questions?

ANNOUNCEMENTS



Date	Tentative Agenda Topic(s)	Location
October 14, 2021	College of Letters & Science School of Education UW-Madison ROTC School of Medicine and Public Health Wisconsin Public Media (WPM) Wisconsin Union	Hybrid In-Person + Webex
October 28, 2021	Conference Services College of Engineering FP&M Transportation UW-Madison Libraries Vice Chancellor for Research and Graduate Education (VCGRE) Nelson Institute	Hybrid In-Person + Webex
November 18, 2021	Athletics FP&M Facilities Extension Final Review & Recommendation	Hybrid In-Person + Webex
December 2, 2021	HOLD	TBD
December 16, 2021	HOLD	TBD

ADJOURN