



**Finance, Revenue and Bonding Committee
General Bonding Subcommittee**

-March 4, 2022-

Co-Chairs, Ranking Members, and Members of the Committee, thank you for giving us the opportunity to update you on the transformative building initiatives that you have made possible at the University of Connecticut. My name is Radenka Maric, and I am delighted to be sharing this information with you as the Interim President of the University of Connecticut. Joining me today is Dr. Bruce Liang, Interim CEO and Executive Vice President for Health Affairs. Attached to my testimony is information on the University capital program you may find useful.

UConn is a top 25 public University because of the state's continued support and investment, for this we are grateful. **UConn is a great university.** But it's even more than that, with campuses and staff across Connecticut, it is built to inspire the global community that is UConn Nation. UConn's talented students exceed expectations. Our expert researchers, faculty, and alumni drive Creativity, Innovation, and Entrepreneurship (CIE) for a better tomorrow. We fuel the State's economy and are committed to benefiting the greater good. **This is UConn.**

At your convenience, I encourage you to take a couple of minutes to view this video showcasing our amazing students and campuses [ONE UCONN](#).

Turning to the Capital Program, the University and the state has benefitted tremendously from the UCONN 2000 Infrastructure Improvement Program established by the General Assembly in 1995. The program has and continues to modernize, rehabilitate, and dramatically expand the physical plant of the University. As envisioned, it is a major tool in attracting and retaining the state's high-achieving students and world class faculty, researchers and staff. It is also essential in allowing the University to do long term planning and have reliable funding for implementation.

We are now in the third phase of the UCONN 2000 program, which extends through FY27 and includes the Next Generation Connecticut (NextGenCT) and the Bioscience Connecticut initiatives. The Bioscience Connecticut initiative at UConn Health, completed in 2018 and the NextGenCT program at Storrs and the Regional Campuses is moving along aggressively. Since the beginning of UCONN 2000, we have seen improvements in nearly every facet of the University. The **return on that investment** can be measured by many metrics; here are some highlights:

UConn

- Undergrad enrollment increased by 9,170 students (63%) since 1995
- Undergrad STEM enrollment increased by 35% since 2012
- Applications have exceeded 40,000 for fall 2022 entry
- Over 53% of all engineering graduates in Connecticut are from UConn

UConn Health

- Served as the catalyst to the expansion of the bioscience industry in the region and state
- School of Medicine and Dental Medicine enrollment increased by 30%

- Increased access to patient care with 7-9% increase in volumes and unprecedented clinical revenue growth since 2010 from \$326M to \$668M expected this fiscal year

University Wide

- Research awards have grown to \$377M (over 100%) over past five years
- Small start- up business incubator space doubled & is consistently at capacity

UConn Bonding Request

We are grateful the Governor’s proposed capital program maintains UCONN 2000 funding of \$125.1 million in FY23 as specified in State statute and we ask the committee to maintain this level of funding. It is imperative to recognize that this long-term capital program phases project funds over multiple years. This funding will support year 9 of the 13-year capital program. Numerous projects are currently in construction with required funding to be allotted in these future years. To avoid additional costs associated with delaying or shutting down projects in construction, it is critical that planned levels of capital funding remain intact to support these interdependent projects and to assist in the State’s economic recovery from the COVID crisis through creation and/or preservation of thousands of construction jobs.

Next Generation Connecticut Capital Program Overview

In 2013, building upon the success of the strategic investments made in our capital program, the General Assembly enacted NextGenCT. The original goals of the program were to hire and support outstanding faculty, train graduates to meet the future workforce needs of Connecticut, develop preeminence in our research and innovation programs, and initiate research and industry partnerships that lead to economic development. The cornerstone of this effort is the development of new facilities and renovation of critical infrastructure. The capital component of NextGenCT is progressing rapidly and supporting my priority to double research and scholarship at UConn over the next 7-10 years. Not only will this increased research bring in an additional quarter billion dollars a year in federal funding to our state, but it will also help to translate more University discoveries into licenses, patents, start-ups, and jobs.

Since the NextGenCT initiative began in the fall 2013, we have funded 174 new faculty (98 in STEM fields) and enrolled 1,536 additional undergraduate students (with 1,483 or 64% more in engineering). We have graduated 33% more STEM undergraduates since NextGenCT began. Our faculty also made dramatic increases in research productivity at Storrs during this time. For example:

- Research awards increased by \$111M or 117%; and
- Research proposals increased by \$265M or 47%.

Now in its eighth year, the NextGenCT initiative is moving forward, making strategic investments in Connecticut’s future, laying critical groundwork for economic development, and creating hundreds of construction jobs in the process.

Major investment has been necessary to support new and renovated laboratories for STEM research and teaching, classrooms, academic support, residence halls, parking, utilities, information technology, equipment, and critical infrastructure upgrades.

Since NextGenCT began, we have:

- Completed a new 212,000 square foot residence hall, which is home to approximately 730 STEM students;
- Opened a 115,000 square foot Engineering and Science building;

- Completed the new downtown Hartford Campus and the Stamford Residential Housing facility (summer 2017);
- Completed major infrastructure repairs and upgrades across all of Storrs Campus such as steam line replacements, sewer system upgrades, a supplemental water supply, and various other underground utility improvements;
- Completed a new 30,000 square foot Production Facility and major renovations to the Fine Arts facilities;
- Completed phase I and II of the renovation of the Gant Science Complex – a 285,000 square foot science and engineering complex; and
- Finished major renovations to numerous facilities, including academic buildings.

With construction currently underway, the STEM Research Center Science 1 building is a keystone in the effort to fulfill the mandates of NextGenCT and will provide critical new research facilities for the existing and new STEM faculty. The 200,000 square foot research facility is designed to meet some of the current and future programmatic requirements of the University as it seeks to balance the rise in student enrollment in STEM programs with future programmatic research needs. Completion of this significant building is expected by Fall 2022. Multiple major infrastructure improvements as well as construction of a new Supplemental Utility Plant are also underway to support this new building as well as existing facilities. The University is moving forward on several other projects to meet the needs of our expanded enrollment and faculty teaching and research requirements.

University Highlights and Successes

One of my highest priorities is focusing on student success at UConn – both during a student’s time at the university and after they graduate. We have exceptional students doing exceptional things and I want to ensure that we continually share their stories with the General Assembly and our entire state.

For example, recently [a team of Stamford-based UConn business graduate students won the highly competitive 2021 Bloomberg Global Trading Challenge](#), beating out almost 500 teams from around the world.

We are educating, mentoring and cultivating extraordinary student entrepreneurs and innovators who are starting their own companies here in Connecticut, like Raina Jain [who is featured in the video on UConn’s Innovation Quest website](#). Innovation Quest helps UConn students develop their innovative ideas into a business.

We recently announced that interest in attending UConn has hit an all-time high this year, with UConn receiving a record-breaking 40,000-plus applications for undergraduate admission for fall 2022. Being able to provide a high-quality education at a comparative economic value is key to UConn’s formula for success in student recruitment.

UConn is number one among major public research universities when it comes to a student’s average time to graduation, at 4.1 years. We are tied for first place with four other schools. This is great for our students, because the faster they graduate, the less their education costs them.

Our faculty hit a record high \$377 million in research funding last fiscal year, doubling annual awards in just the last four years alone.

We have 72 small companies in our incubator facilities in Farmington, Stamford and Storrs – 21 more than last year. Since 2003 when the program started, these start-up companies have raised more than \$1.1B in total funding.

90% of the Class of 2021 have either already secured employment, are pursuing an advanced degree or continuing education, or have joined the military or volunteer service organization. These are very, very good student success indicators.

I am particularly proud to share that our students and faculty are engaged in ongoing community activities and engagement across our state. Efforts range from [supporting small and medium sized businesses](#), to UConn's CT Center for Entrepreneurship and Innovation (CCEI), supporting more than 500 startups and small businesses and launched more than 200 new business ventures over the past five years; to sampling and drilling more than 60 concrete foundations of CT homeowners plagued with crumbling foundations; to the College of Agriculture's Agricultural Extension Programming serving every community throughout the state.

During COVID, some of the awe inspiring activities included a University wide effort organized to donate PPE to the staff at UConn Health, collaborative efforts of medical doctors from UConn Health with engineers, scientists, and researchers from Storrs increased supply of face masks and shields using 3D printing technology, UConn employees and graduate students produced hundreds of bottles of hand sanitizer and donated them to local facilities and charities, and our students, faculty and staff from across the University assisted with immunizations and contact tracing.

These are just a sampling of highlights. Your continued support of our capital program and needs will only do more to support our students, faculty, staff and the State.

I would now like to ask Dr. Liang to speak with you about UConn Health.

**

UConn Health

I am Dr. Bruce Liang, Interim CEO, UConn Health. I had the honor of meeting many of you when the Bonding Subcommittee toured UConn Health in December. Many ask me how we are doing given the pandemic, at UConn Health, while a major challenge, the pandemic has really brought out the best in us. I am extremely proud of the way that our faculty, staff, learners, and administrators have all risen to the test to prepare for and respond to this crisis. It has truly been a remarkable experience. And as the state's only public academic medical center, we have been able to leverage our expertise and resources in education, research, and clinical care - and to collaborate across the larger university and with other partners such as the Jackson Laboratory - to safely and effectively address the challenges that we, our patients and the state have faced during the pandemic. I am extremely proud to share with you some highlights of our 50th Anniversary, which you can view here: [Celebrating 50 Years: UConn Schools of Medicine and Dental Medicine - YouTube](#)

As you heard in December and many times before, you can be proud and reassured that UConn Health, the state's only public academic medical center is a vibrant, high performing state asset for the state. Some **highlights** include:

- UConn Health generates \$2.2 billion in overall economic benefit to Connecticut, supporting more than 10,000 jobs, and is the **single largest producer of physicians and dentists in our state** – our Schools of Medicine and Dental Medicine have grown enrollment by 30% in recent years.
- **More than 50% of all practicing dentists in Connecticut** have connections to UConn Dental (as students, residents, and/or educators) and our medical school and resident physician programs account for approximately **three thousand doctors serving CT - 60% of Connecticut pediatricians are UConn Medical School graduates or trainees**

- **800 UConn medical school and dental school residents are providing direct patient care in area hospitals and more than two dozen communities across the state**, bringing \$137 million in federal funds to Connecticut to support their salaries and training.
- Our **research** revenue has grown every year for the past four years and now exceeds a record \$170 million; our collaboration with Jackson Labs has resulted in joint grant submissions garnering more than \$66 million in awards and our biotech start-up incubator is at capacity with 36 different companies. This groundbreaking research is propelling innovative and promising therapies across the fields of health care from the world's first potential gene therapy cure for the life-threatening pediatric condition Glycogen Storage Disease (GSD) to a new medication reversing the growing epidemic of heart failure. Plus, our researchers are even working toward re-growing a limb by 2030 to heal wounded warriors, children born without limbs, or others injured.
- **Clinical revenue** at UConn Health has seen unprecedented growth over the last decade, doubling from \$326 million to an expected \$689 million, accounting for half of our entire budget. Our clinical care itself is transforming the lives of patients whether it's those treated at the first and only dedicated comprehensive outpatient center of its kind in New England for the painful inherited condition of sickle cell to those benefitting from our surgeons unparalleled expertise in brain, spine and stroke surgery. In fact, our Stroke Center was just named an Advanced Thrombectomy-Capable Stroke Center, the very first of its kind in the Hartford area. Plus, we were first in the state to offer severe emphysema patients a new valve to breathe easier and first in New England to offer breast cancer patients breast conserving surgery with the latest 3D navigation technology.
- And we provide **medical and dental care** for everyone, everywhere in Connecticut, up and down income brackets, including those who are severely economically disadvantaged and have nowhere else to turn, other than their state's public health system. That is the **cornerstone of being a public service**.

UConn Health Bonding Request: First, I want to **thank you** for last year's \$25M allocation to fund our most critical deferred maintenance needs. Prior to this allocation, FY18, marked the final year of any state bond funds approved or available for UConn Health through the *Bioscience Connecticut Capital Program*, including any deferred maintenance needs. It is imperative that UConn Health keep up with maintenance of buildings on our campus to ensure that the state's investments are protected and that all facilities are current with code and accessibility requirements. Appended to our testimony is a summary of the spending plan for the \$25M.

UConn Health's campus comprises 210 acres on 3 sites; including 26 buildings, 3 parking garages and surface lots, comprising a total 3.7 million gross square feet, and a current replacement value of \$1.6 billion. Based on a thorough ten year facilities condition assessment (FCA) report completed in 2018, annual capital needs for the campus are approximately \$300M or \$30M per year. Like all other state agencies, we are asking this committee for the continuation of funding to cover essential deferred maintenance, equipment and limited renovations and improvements. **We are asking for capital funds in the amount of \$55.1 million in FY23 for critical deferred maintenance and equipment needs.**

To provide more detail, this request includes funds for vital renewal components to building systems that are beyond the normal life expectancy. Many of these components are part of systems that serve our research and education area - such as aged pumps, compressors, pipe systems, fan motors, and controls – and, if any one of these components failed, it may shut down an entire building system. There are very significant investments in lab research work and protecting these investments with reliable building infrastructure systems is of utmost importance. This request also includes funds for renovations and improvements to research, education, and

clinical spaces. The clinical renovations are necessary to support increased patient care volumes achieved through the Bioscience Connecticut initiative. Finally, it is vital that UConn Health continue to invest in information technology security and equipment.

It is important to note that if it were not for the state's unfunded legacy costs charged to it, UConn Health would be in a better position to fund more of the upkeep required on our campus and to protect the Bioscience Connecticut investments made by the State. However, to mitigate deficits in our annual budgets due to these growing liabilities charged to us by the state and COVID clinical revenue losses, we have had to utilize funds from operating revenues that would normally have been used to fund capital expenses, including deferred maintenance projects. As a result, UConn Health had to delay critical work to maintain the assets the state and UConn Health have already invested in. Again, we are very thankful for last year's bond package that provided \$25M in state bond funds for critical deferred maintenance. While the Governors proposed budget does not include the \$55.1M amount requested for FY23, we respectfully request that this request be funded.

Continuing to defer renewal of our buildings could also lead to additional costs over the long-term in the following ways:

- **Rising construction and renovation costs.** According to a national Market Outlook report, the costs associated with construction and renovations are projected to rise, trending at 6% per year. Using that assumption, deferring \$27 million of work could cost about \$1,620,000 a year.
- **Cost of Unplanned Emergencies vs. Planned Replacements.** In an emergency, contractors conducting repairs during off hours or without the proper planning, charge a premium for orderly execution of the work. This could result in 1.5 times increases labor costs.
- **Business Interruptions.** As research, education, and healthcare methods have evolved, UConn Health has required increasingly more sophisticated building engineering and systems. When a building system fails, the research, education, or healthcare work can be disrupted and lead to unforeseen costs.
- **Energy Costs.** Many of the new replacement components are much more energy efficient than the older items. In addition, upgrading the lighting, and heat/ventilation systems controls provides significant energy savings that accumulate year after year.

Bioscience Connecticut Initiative Capital Program

The groundbreaking for the first Bioscience Connecticut project took place in June 2012. In 2018, all projects were completed. The UConn Health campus has been transformed into a modern, state-of-the-art academic medical center campus. Key construction projects included the Main Building Research Lab renovations, the Technology Incubator addition, the Academic addition and renovations, the Outpatient Pavilion, a new hospital bed tower, Dental Care Center, and other clinical renovations, three new parking garages, and many roadway improvements both on and off campus. In addition, several buildings past their useful life were demolished to make room for the construction of the world-renowned Jackson Laboratory.

Thank you for your consideration and strong support of UConn Health.

University of Connecticut
Finance, Revenue & Bonding Committee Questions
March 4, 2022

Program	Unallocated 1/1/22	FY 23 (Current)	Gov. Proposed FY 23 Revision	Gov. Net Revised FY 23
Research Faculty - sSB 1099	6,460,000	11,729,200		11,729,200
UCONN 2000	-	125,100,000		125,100,000

1. Do you need the unallocated balance? **Yes**
 - a. If so, for what purpose? **The funds were formally requested on February 4, 2022 to support the Innovation Faculty Hires and Entrepreneurial Ecosystem Initiative.**
 - b. Within what time frame? **The initiative will begin as soon as funds are allocated.**

2. Are the unallocated funds obligated, designated, or otherwise attached to projects, or are funds available for future needs as they arise? **The funds are designated to support faculty compensation, lab infrastructure and equipment, proof of concept funds, seed funding, venture capital, marketing and development and other aspects of a robust entrepreneurial ecosystem.**
 - a. If attached to projects, please provide information on the projects.

3. Allocation of Funds
 - a. When was the last time funds for the program were allocated, if ever? **No funds allocated yet.**
 - b. Have the funds been requested for allocation by the bond commission? If so, how much and when? **Yes. \$18.2M requested on February 4, 2022.**

4. What impediments, if any, have there been in accessing and using the unallocated bond funds? **The initiative is on hold until the Bond Commission allocates funding.**

5. If new or increased bond authorizations have been proposed for FY 23, what expansion or increase of projects is expected and how quickly are the new funds anticipated to be needed? **Based on an external consultant's ten-year facilities condition assessment (FCA) report completed in 2018, annual capital needs for the campus are approximately \$300M or \$30M per year. UConn Health requested \$57.1M in FY22 and \$23M in FY23. The approved budget included \$25M in FY22 and \$0 in FY23. Therefore, UConn Health is again requesting the balance of \$55.1M for FY23 to address critical deferred maintenance, IT and equipment needs. Since the funds would be utilized for numerous smaller critical projects to replace outdated and obsolete equipment and systems, the funds would be needed right away. When a building system stops working or a workflow process is halted, the results can be dire (i.e. the lack of heat due to an equipment failure causes a building closure). The Governor's mid-term budget adjustments did not include the \$55.1M of funding requested.**

Current Statute	UCONN 2000	Research Faculty
FY22	\$215,500,000	\$6,460,000
FY23	\$125,100,000	\$11,729,200
FY24	\$84,700,000	\$14,489,200
FY25	\$56,000,000	\$9,220,000
FY26	\$14,000,000	\$4,201,600
FY27	\$9,000,000	

UCONN 2000 Request for UConn Health		
Deferred Maintenance	Campus Renovations/Research Expansion	\$7,000,000
	Facilities Condition Assessment-Deferred Maintenance	17,100,000
IT & Equipment	Clinical Equipment	6,000,000
	Information Technology Security & Equipment	13,000,000
	Revenue Growth Investment/Expansion	12,000,000
Total		\$55,100,000

UConn 2000 Capital Program



Finance, Revenue & Bonding Committee

March 4, 2022



UConn 2000 Capital Program

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UCONN 2000: Incredible Return on Investment

The UCONN 2000 capital program was enacted to attract & retain CT's high-achieving students; it also allowed the University to do long-term capital planning and have reliable funding for implementation

The ROI has been tremendous:

➤ UConn

- Undergrad enrollment increased by 9,170 students (63%) since 1995
- Undergrad STEM enrollment increased by 35% since 2012
- Applications have exceeded 40,000 for fall 2022 entry
- Over 53% of all engineering graduates in Connecticut are from UConn

➤ UConn Health

- Served as the catalyst to the expansion of the bioscience industry in the region and state
- Medicine and Dental Medicine enrollment increased by 30%
- Increased access to patient care with 7-9% increase in volumes and unprecedented clinical revenue growth of 60% since 2013

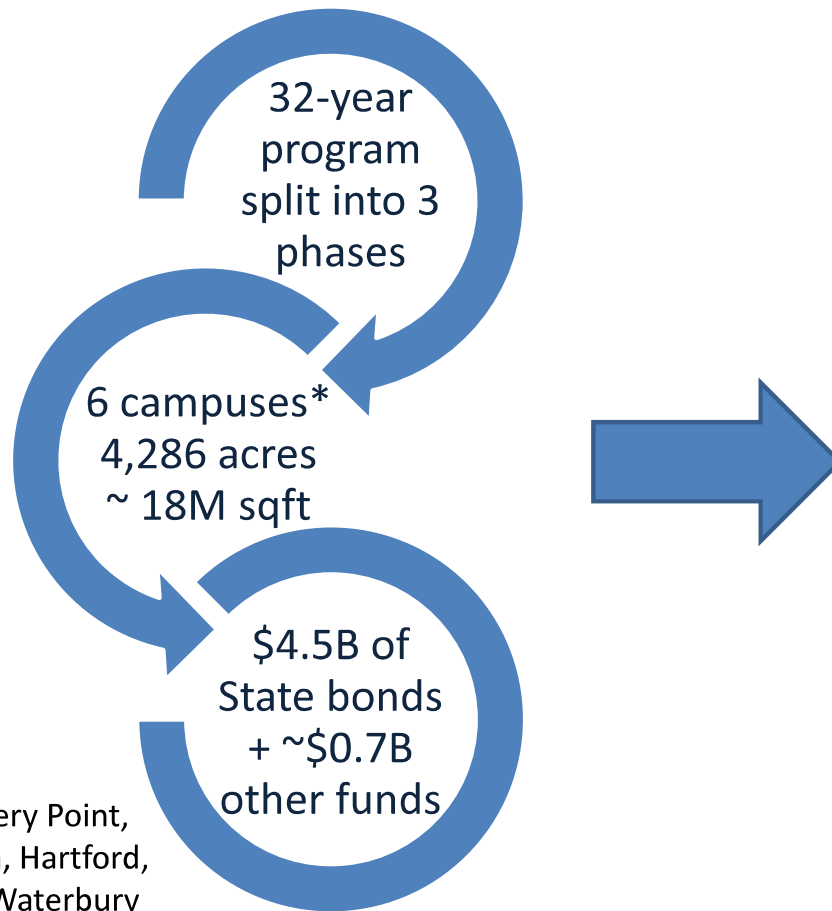
➤ Research awards have grown to \$377M (over 100%) over past five years

➤ Small start up business incubator space doubled & consistently at capacity

UCONN 2000 Capital Program Summary

The UCONN 2000 capital program (Section 10a-109) continues to transform, modernize, rehabilitate and expand our campuses

Over \$4.5B in capital expenditures since FY96 from all fund sources



*Storrs, Avery Point, Farmington, Hartford, Stamford, Waterbury

Capital Expenditures (\$M)	
\$3,531.7	State-supported UCONN 2000 GO Bonds
254.7	Other State-supported bonds (i.e. Tech Park, Waterbury)
341.6	UConn-supported Special Obligation bonds
373.3	Non-State funds (i.e. UConn operating funds, gifts)
\$4,501.3M Total Expenditures (as of 12/31/21)	
State funding = 84% of total	

UConn 2000 State General Obligation Bonds

UConn 2000 State supported GO bonds fund the majority of the capital budget

Bonding Schedule (\$M)		Phase I	Phase II	Phase III	Status
UConn	FY96-FY99	\$382.0			Complete
UConn	FY00-FY05		\$580.0		
21 st Century UConn	FY05-FY14			\$627.2	
Bioscience CT	FY05-FY19			825.9	
NextGenCT	FY15-FY27			1,867.8	Active
UConn Health	FY22			25.0	
Total		\$4,307.9			

FY22	215.5
FY23	125.1
FY24	84.7
FY25	56.0
FY26	14.0
FY27	9.0

- In addition to the \$125.1M authorized for NextGenCT in FY23, **UCH has requested \$55.1M for Deferred Maintenance**
- Only \$288.8M remains in NextGenCT over next 5 years (FY23-FY27)

UCONN 2000 Capital Program Structure

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The UCONN 2000 program has rigorous oversight and audits, Board of Trustee and Executive approvals, biannual reporting to the General Assembly, and regular project scope and budgetary reviews

How does UCONN 2000 GO Bond program work?

- Program Structure:
 - Project list in law with annual bond cap authority
 - Annual request to Governor to allocate bonds against statutory authority
 - Authority delegated to Board of Trustees
 - University administers program
 - State Treasurer & University issue GO bonds as cashflow needed
 - Semi-annual reports to the State
 - Annual audit
- Board of Trustee Process:
 - Approval of annual capital budget plan, project list & indentures
 - List triggers expenditure plan
 - Projects \geq \$500k approved at Planning, Design, Final stages by Board
 - Program & planning adjustments via phasing schedule & indenture changes are ongoing

Capital Program Challenges

Instability in economy is contributing to workforce, supply chain and funding uncertainty

- COVID has created capital program risks and challenges that could result in project delays
 - Potential for workforce limitations, interruptions or unavailability – job site safety is highest priority
 - Negative impacts to supply chain for select materials – timing and cost
- Project delays result in increased costs and reduced project scopes; construction cost annual escalation was estimated @ 0.5% per month or 6% per year - currently the escalation is closer to 10-12%
- FY23-27 State funding is not guaranteed and insufficient to meet all University needs

Next Generation Connecticut Overview

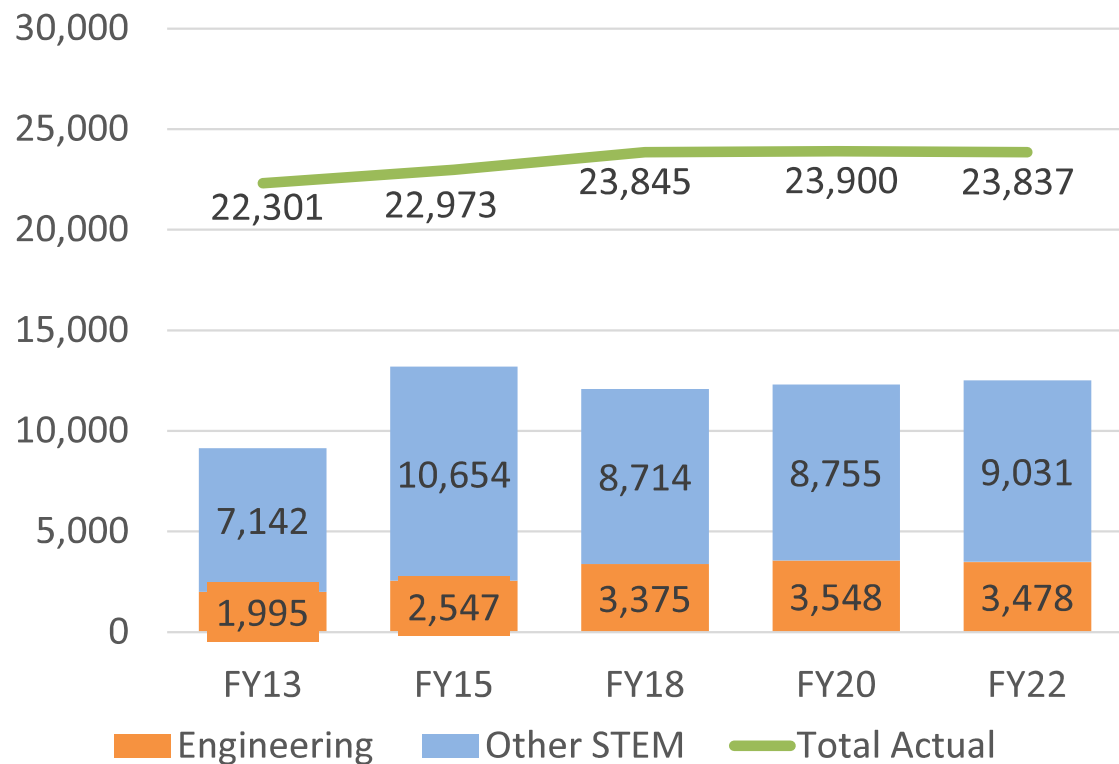
UConn continues the transformation of modernizing, rehabilitating and expanding the physical plant of the University through the NextGenCT initiative

- Approved in 2013, NextGenCT is an ambitious plan (FY15-FY27) to improve UConn's **STEM** capabilities. Specifically, the initiative is designed to:
 - **Build STEM facilities** including classrooms, equipment and laboratories
 - **Upgrade aging infrastructure** to accommodate faculty and students
 - **Hire new faculty & enroll more undergraduates** primarily in STEM areas (dependent on new State operating funds)
 - **Increase research and innovation**

NextGenCT Progress - Student Growth

Since FY13, total undergraduate enrollment has increased by 1,536 students or 7% despite NextGenCT operating fund shortages – growth at Storrs is more than the planned amount

Undergraduate Enrollment



- Undergraduate STEM enrollment increased by 35% since FY13 (all campuses)
- Engineering enrollment increased 64% since FY13 to 3,478 in FY22 (all campuses)

*Note: Original NGC planned enrollment by FY27 was 28,881

NextGenCT: CT's Tech Talent Pipeline

UConn is the primary engine that feeds the tech talent pipeline in the State to support innovation and economic growth

	Fall 2021 Actual	Change from FY13	
First Year Applications: Total	38,929	7,566	+24%
Storrs Undergraduates: STEM	10,791	2,606	+32%
Storrs Undergraduates: Total	18,917	1,039	+6%
Undergraduates: Total	24,371	1,536	+7%
Graduate: Total	6,928	315	+5%
Bachelor's Degrees: STEM (FY21)	3,176	789	+33%
Bachelor's Degrees: Total (FY21)	5,623	501	+10%
Masters & Doctoral Degrees: STEM (FY21)	656	64	+11%
Masters & Doctoral Degrees: Total (FY21)	2,294	427	+23%

NextGenCT and Engineering Industry

The Connecticut Department of Labor expects a 17% overall increase in engineering employment between 2016 and 2026

Why do we need more engineering students?

- Engineers are needed within many sectors of the Connecticut economy including aerospace, naval, healthcare and insurance
- Connecticut is home to Electric Boat, Sikorsky, Pratt and Whitney and their ecosystem of more than 1,000 suppliers throughout the state
 - Pratt and Whitney is expected to double their current production, requiring an additional 8,000 new employees
 - Sikorsky is expected to double in size
 - Electric Boat will hire 18,000 new workers



- UConn produces **over 53%** of all the engineering graduates in Connecticut
- A recent survey shows 91% of UConn Engineering graduates are either employed or continuing their education within 6 months of their graduation

NextGenCT: STEM Success

UConn is a major supplier of talent in the Connecticut workforce

Examples

Aerospace & Naval

- Pratt & Whitney, a Raytheon Technologies Company (RTX) ~1200
- General Dynamics Electric Boat ~800
- Collins Aerospace, a Raytheon Company ~ 520

Insurance

- Travelers ~950
- The Hartford~900
- CVS Health Aetna ~880

Connecticut consistently ranks in the highest category nationally for education of its workforce

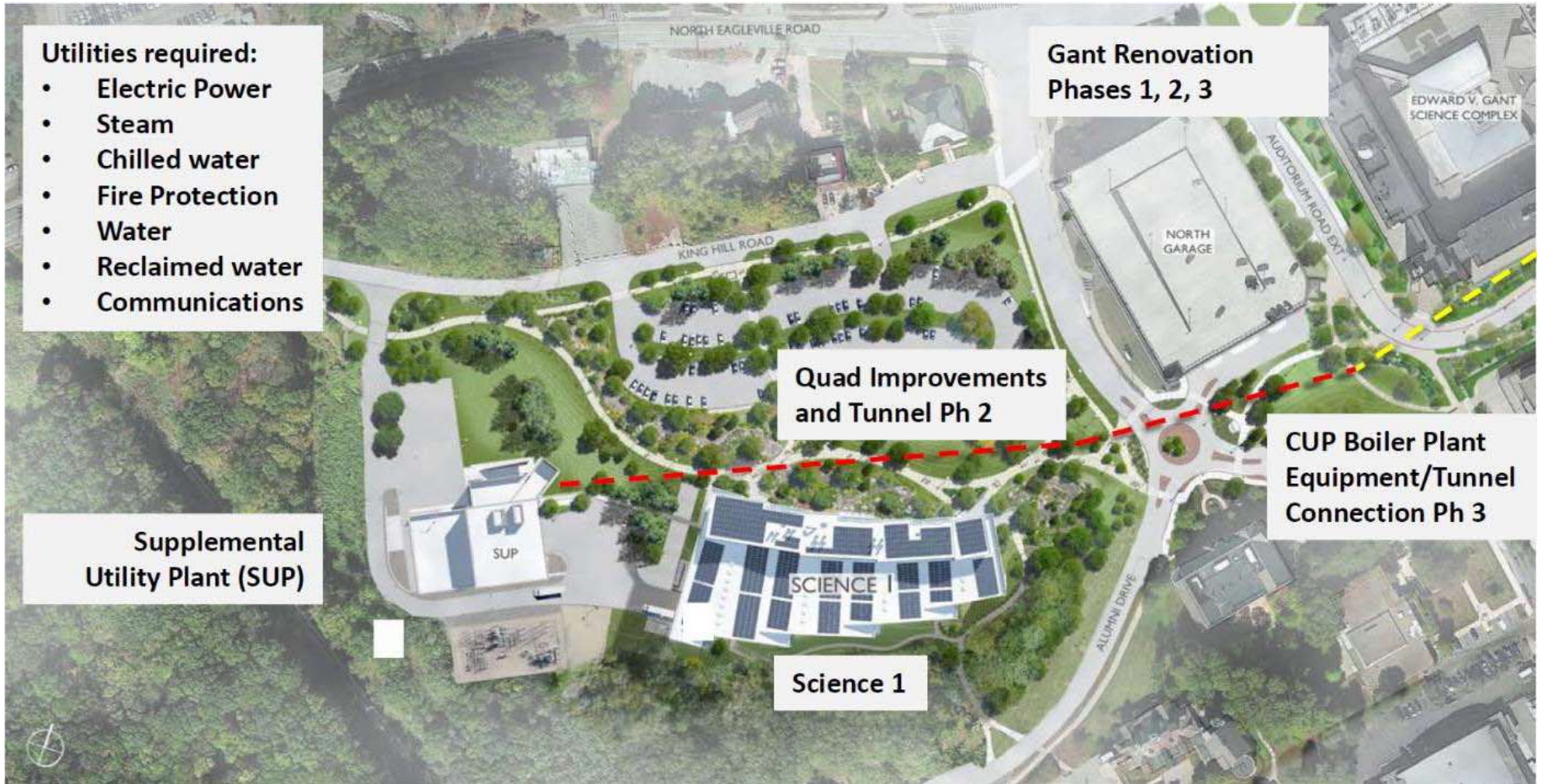


Capital Budget Plan

UCONN 2000 Bond Funded Projects (in millions)		Prior Auth	FY22	FY23-FY27	Budget	Status for FY22
Academic /Research	NW Quad: Gant Science Building Renovation	\$169.8		\$78.2	\$248.0	Construction
	NW Quad: STEM Research Center Science 1	147.0	\$73.0	0.0	220.0	Construction
	NW Quad: Electrical Infrastructure Upgrades	0.3	24.8	0.0	25.0	Design
	Academic Renovations - Engineering	4.0	1.0	0.0	5.0	Design/Construction
	Academic Renovations - PharmBio			20.0	20.0	Planning
	Academic Renovations -Research Labs & Classrooms	41.4	16.0	11.0	68.4	Design/Construction
	Major Equipment (Faculty Start-up)	34.5	5.3	25.5	65.3	Ongoing
	Total Academic/Research Priorities		\$120.0	\$134.7		
DM	Code Corrections - Stamford	8.0	14.0	0.0	22.0	Construction
	Other Repairs, Replacements & Improvements		26.7	118.6	145.3	Design
	Major Equipment - Information Technology	25.3	5.8	3.5	34.5	Construction
	Major Equipment - Replacement	4.5	2.5	2.5	9.5	Ongoing
	Total Deferred Maintenance		\$48.9	\$124.6		
Other	Major Equipment - Other	41.9	2.5	17.9	62.3	Ongoing
	Residential Life Facilities	5.6	15.0	3.8	24.4	Design
	Contingency		4.1	7.9	12.0	
UCONN 2000 Bond Funded Projects for NextGenCT			\$190.5	\$288.8		
UCH	Deferred Maintenance		25.0		25.0	Design/Construction
UCONN 2000 Bond Funded Projects for UCH			\$25.0	\$0.0		
Total UCONN 2000 Bond Funded Projects			\$215.5	\$288.8		
Other Funded Projects (University, Gifts, State GO Bond)						
Academic	Programmatic Renovations		5.0	25.0	30.0	Design/Construction
	Faculty Innovators		6.5	39.6	46.1	Ongoing
DM	Facilities Repairs & Improvements	108.9	17.0	44.0	169.9	Design/Construction
Other	Hockey	20.0	25.0	25.0	70.0	Construction
	Contingency		2.5	12.5	15.0	
Total University Funded Projects			\$56.0	\$146.1		
Grand Total Capital Budget			\$271.5	\$435.0		

The long-term capital budget plan is continuously reviewed to ensure funding for our highest priorities

NW Science Quad – 5 Projects in Construction



As Gant Renovation Phase 2 is completed, Phase 3 design is underway along with construction of Science 1 and the enabling infrastructure projects

Major NextGenCT Buildings



UConn Hartford Campus

\$139M
3 bldgs & 215,000 sqft
Completed August 2017



Werth Residence Hall

\$95.8M
212,000 sqft & 730 beds
Completed August 2016



Engineering & Science Building

\$92.5M
115,000 sqft
Completed October 2017



Fine Arts Production Facility

~\$35.7M
30,000 sqft
Completed April 2020



Monteith Building Renovation

\$23.7M
73,000 sqft
Completed August 2016



Gant Building Renovation Phase I -II

~\$170M
200,000 sqft
Completed August 2019, May 2021



Putnam Refectory Renovation

\$18.7M
42,000 sqft
Completed August 2016



STEM Research Center Science 1

~\$220M
200,000 sqft
Est Completion Fall 2022

Innovation Faculty Hires and Entrepreneurial Ecosystem Initiative

PA 21-111 contained \$46.1M over five years to hire faculty to create new business ventures & expand our entrepreneurial ecosystem

FACULTY + RESEARCH = JOBS

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Faculty Innovation Hires						
Number of Faculty	2	4	4	0	0	10
Faculty Salary & Fringe: Request	\$760,000	\$2,029,200	\$2,789,200	\$1,520,000	\$501,600	\$7,600,000
Faculty Salary & Fringe: UConn	\$0	\$250,800	\$1,010,800	\$2,280,000	\$3,298,400	\$6,840,000
Total Faculty Cost	\$760,002	\$2,280,004	\$3,800,004	\$3,800,000	\$3,800,000	\$14,440,010
Start up: Split over 2 years	\$2,000,000	\$6,000,000	\$8,000,000	\$4,000,000	\$0	\$20,000,000
Entrepreneurial Ecosystem						
Proof of Concept	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
UConn Venture Capital	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000
Entrepreneurial Ecosyt. Dev. Fund	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000
Total Request (excl. UConn cost)	\$6,460,000	\$11,729,200	\$14,489,200	\$9,220,000	\$4,201,600	\$46,100,000

- UConn will fund \$6.8M over five years and \$3.8M annually after year five
- The first two years of funding - \$18.2M – has been formally requested from the State**

UConn Health Capital Program



UConn Health Facilities Summary

UConn Health – Farmington

- 210 Acres on 3 sites
- 26 Buildings
- 3 Parking Garages
- 3.7 Million SF
- Parking spaces:
 - Garages: 2,300
 - Surface lots: 2,940
- Replacement Value: \$1.6 Billion



Bioscience Connecticut (P.A. 11-75)

Making Connecticut a Leader in Bioscience



New Hospital Tower

169 private patient rooms
New & expanded ED
New Operating suite
400 car Staff & Patient garages
Cost: ~ \$324M
Opened: May 2016



Clinical Renovations

Renovation and expansion of the Pat and Jim Calhoun Cardiology Center
Renovation of multi-specialty clinics
Completed: May 2019



Outpatient Pavilion

306,000 sf state-of-the-art clinical building.
1,400 car parking garage.
Private financing: TIAA \$203M
Clinic Opened: Jan 2015
Garage Opened: Nov 2013



Incubator Lab Addition

28,000 sf laboratory addition to Cell & Genome Sciences Building to foster new bioscience and biotech business start-ups.
Cost: ~\$19M
Completed: Jan 2016



Education Construction

Addition/renovations to Academic bldg. Allowed for 30% enrollment growth in Medical and Dental schools. Cost: \$36M
Completed: May 2017



Dental Care Center

Renovation/expansion of clinical facilities for the School of Dental Medicine
174 treatment rooms
Completed: May 2019



Research Space Renovation

Renovated 205,000 sf of 280,000 sf of existing UCH laboratories / research facilities.
Cost: ~ \$116M
Completed: May 2017



Jackson Laboratory

New research facility dedicated to personalized medicine, collaborating with regional universities and hospitals.
Opened: Oct. 2014

UConn Health has \$295M in Deferred Maintenance Needs

UCH 2018 Facilities Condition Assessment (FCA) Identified \$295 Million in Deferred Maintenance needs across the following categories*:

1. Recurring Deferred Renewal:

Items that have not been replaced during the normal course of maintenance that have reached or exceeded their expected life: \$119 Million (e.g., original 1970 era HVAC systems)

2. Recurring Projected Renewal:

Items that during the 2018 - 2028 time period will “age out” and need to be replaced: \$159 Million (e.g., roofs that are 25 years old now but will reach their 30 year life expectancy in the next 5 years and need to be replaced)

3. Nonrecurring:

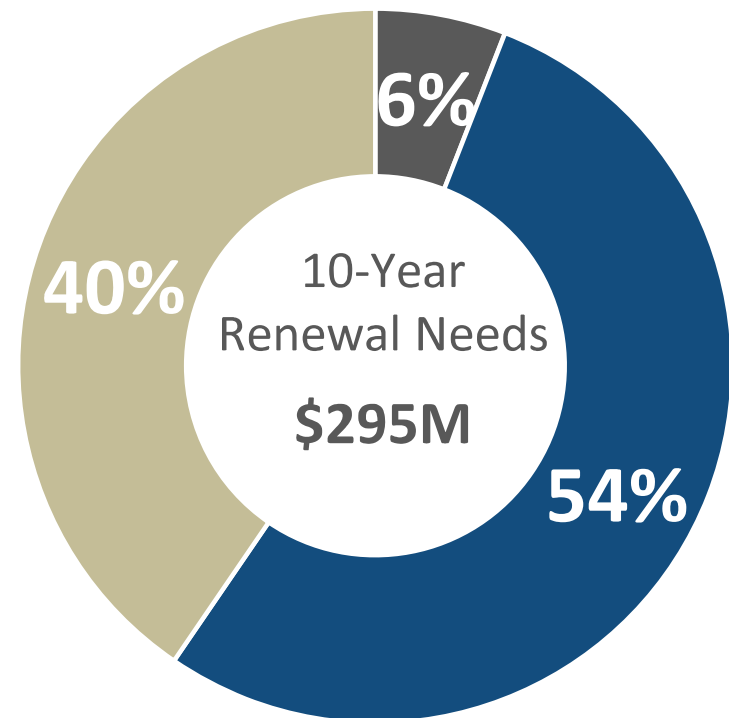
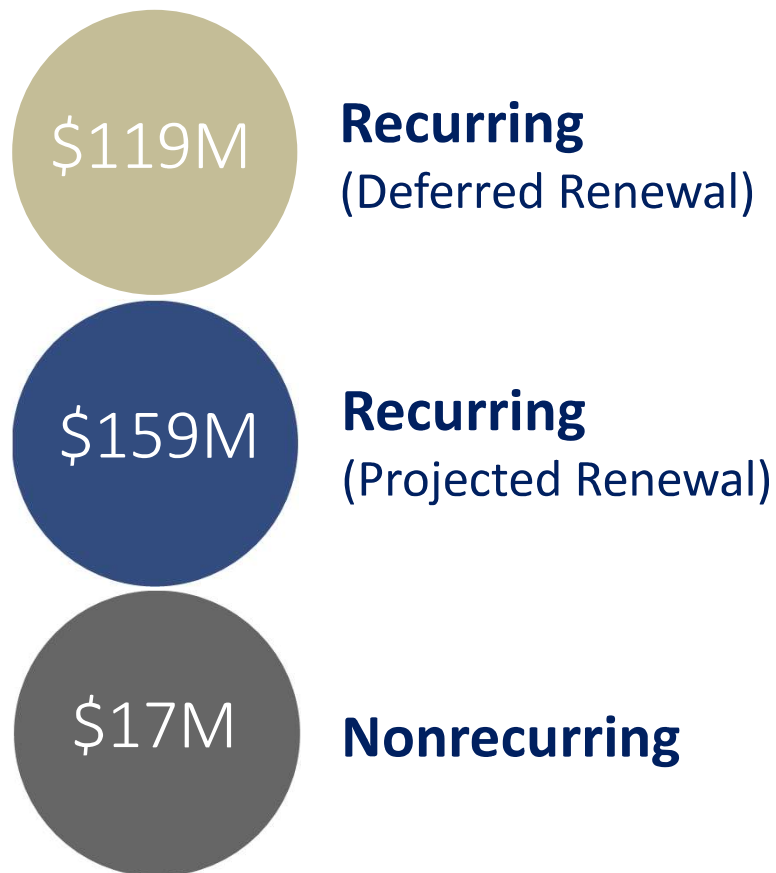
Items that require replacement on a one-time basis: \$17 Million (e.g., stair railings that are not code compliant and need to be replaced, but are not expected to be replaced again)

**Based on independent third-party FCA report. Does not include inflation projections.*

Deferred Maintenance Needs

Summary of \$295 Million of Deferred Maintenance Needs

Based on independent third-party FCA report



FY22 State Bonding Deferred Maintenance

THANK YOU!

- For the first time since 2018, in FY22, \$25M was added to the UCONN 2000 Program (10a-109b) for UConn Health deferred maintenance needs.

Summary of Spending Plan:

- Protect Physical Assets: \$3,000,000
- Address Safety and Building/Fire Code Issues: \$5,000,000
- Replace aged building system components to extend the life of the systems: \$5,000,000
- Enable full utilization of existing space by upgrading infrastructure: \$12,000,000

UConn Health's Guiding Principles for Prioritization

- **Protect Physical Assets** (roofs, exterior envelopes, etc.)
- **Address Safety and Building/Fire Code Issues** (items related to staff and patient safety, paving, sidewalks, critical infrastructure items, and ADA/accessibility, etc.)
- **Replace aged building system components to extend the life of the systems**
- **Enable full utilization of existing space by upgrading infrastructure** (CT Tower electrical and IT distribution systems)
- **Utilize funds for larger projects** (smaller projects can be done with UCH Operating Capital)
- **ROI/long term cost savings**

Protect Physical Assets

Scope Examples:

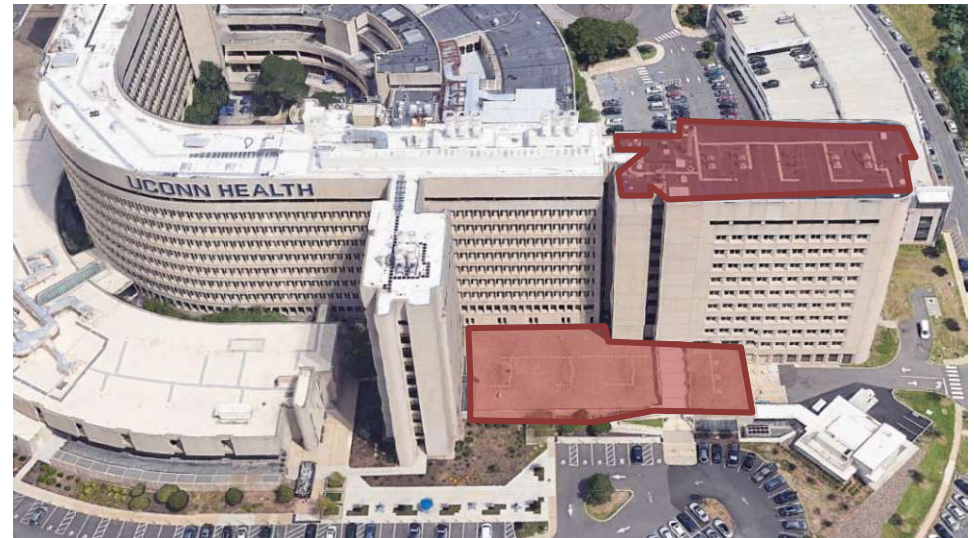
Replace aged roof systems:

- Academic Research Building (ARB)
- Area K, Research support
- Area F, Clinical Support Building
- Administrative Support Building (ASB)
- Muscular Skeletal Institute (MSI)

Exterior Caulking and Window/Skylight Repair/Replacement

Preliminary Estimated Budget: \$3,000,000*

*Conceptual estimate only: Priorities and specific needs to be confirmed



Address Safety and Code Issues

Scope Examples:

- Repave various roads and parking lots.
- Repair deteriorated retaining walls
- Improve site lighting and security
- Correct various Life Safety Code
- Improve ADA/Accessibility

Preliminary Estimated Budget: \$5,000,000*

*Conceptual estimate only: Priorities and specific needs to be confirmed



Replace Aged Building System Components

Scope Examples:

- Replace Main Cooling Tower Cell 6
- Replace Labor & Delivery/NICU Chiller
- Bldg C & D RTU Replacements
- Data Center Generator Replacement
- Domestic Water Heater Replacements
- Cadaver Lab AHU Replacement
- Chilled Water Pump Replacement
- Replace Pumps & Compressors
- Replace Fire Protection Components
- Replace Electrical System Components
- Renew Lighting Systems
- Replace HVAC System Components
- Renew Building Architectural components

Preliminary Estimated Budget: \$5,000,000*

*Conceptual estimate only: Priorities and specific needs to be confirmed



Enable Full Utilization of Existing Space by Upgrading Infrastructure

Scope Examples:

- Connecticut Tower
 - Repair/Replace Electrical Distribution
 - Repair/Replace IT Distribution
 - Repair/Replace Fire Alarm Components
 - Repair/Replace HVAC System Components
- Lab (L) Area Improvements
- Building J Supplemental Cooling
- Main Lobby Entrance Renovation
- IT Disaster Recovery Center

Preliminary Estimated Budget: \$12,000,000*

*Conceptual estimate only: Priorities and specific needs to be confirmed



Connecticut Tower



Existing Lab Area

FY23 Deferred Maintenance Capital Request

FY 23 Request:

\$55.1 Million be added to the UCONN 2000 Program Phase III for deferred maintenance and equipment

UCONN 2000 Request for UConn Health		
Deferred Maintenance	Campus Renovations/Research Expansion	\$7,000,000
	Facilities Condition Assessment-Deferred Maintenance	17,100,000
IT & Equipment	Clinical Equipment	6,000,000
	Information Technology Security & Equipment	13,000,000
	Revenue Growth Investment/Expansion	12,000,000
Total		\$55,100,000

Supplemental Information

Examples of Existing Conditions

Main Complex Central Plant



Failed Chilled Water Pump



Plywood Cooling Tower Cell

Examples of Existing Conditions

Main Complex Air Handling Units



Original Clinic Building "Blower"



Original Cadaver Lab Air Handler

Examples of Existing Conditions

Building P 16 Munson Road



Aged and reworked hot water pumps



Old walk-in cooler and evaporative unit fan –

Examples of Existing Conditions

Building P 16 Munson Road



Original air handler - 1975



Original water heater – 1975

Examples of Existing Conditions

Building P 16 Munson Road



Non Compliant Stairway railings



Failed Parking Lot Pavement

Based on 2018 independent third-party Facilities Condition Assessment (FCA) report

RECURRING NEEDS			
CATEGORY	DEFERRED RENEWAL	2018-2021	2022-2027
Accessibility	\$0	\$0	\$0
Exterior	\$9,285,028	\$8,165,528	\$1,922,380
Interior	\$28,571,510	\$6,938,379	\$32,113,956
Plumbing	\$5,289,476	\$266,133	\$20,986,189
HVAC	\$50,182,904	\$16,491,383	\$27,681,348
Fire/Life Safety	\$4,439,560	\$0	\$691,504
Electrical	\$15,785,472	\$2,944,393	\$36,689,894
Site	\$0	\$0	\$39,451
Vertical Transportation	\$5,116,631	\$2,071,062	\$0
Health	\$588,815	\$306,812	\$678,970
<i>Subtotals</i>	<i>\$119,259,395</i>	<i>\$37,183,691</i>	<i>\$120,803,692</i>
TOTAL RECURRING NEEDS		\$277,246,778	

Based on 2018 independent third-party Facilities Condition Assessment (FCA) report

NONRECURRING NEEDS			
CATEGORY	IMMEDIATE	CRITICAL	NONCRITICAL
Accessibility	14,014	1,195,237	1,493,518
Exterior	0	42,357	3,790,676
Interior	0	0	64,016
Plumbing	0	0	76,379
HVAC	0	0	4,889,745
Fire/Life Safety	0	1,199,850	2,507,970
Electrical	0	0	1,190,080
Site	0	0	143,439
Vertical Transportation	0	0	0
Health	0	659,009	158,119
<i>Subtotals</i>	<i>\$14,014</i>	<i>\$3,096,454</i>	<i>\$14,313,942</i>
TOTAL NONRECURRING NEEDS			\$17,424,409

University of Connecticut
Capital Project Expenditure Report - All Funding Sources
Fiscal Year 2022 as of 12/31/2021

Project Name	Current Funded Budget*	Total Project Expenditures	Project Status	Total Fiscal Year Expenditures	Fiscal Year to Date Expenditures By Funding Source		
					UCONN 2000 Bonds	University Operating	Other Funding**
Storrs and Regional Campuses							
Academic and Research Facilities							
Academic & Research Facilities - Gant Building Renovations - STEM	169,827,606	142,020,413	Construction	6,098,154	6,098,154		
Academic & Research Facilities - Homer Babbidge Library Renovation	5,700,000	5,158,090	Substantially Complete	308,806	308,806		
Academic & Research Facilities - STEM Research Center Science 1	220,000,000	84,005,541	Construction	41,265,084	41,265,084		
Academic and Research Facilities Total				47,672,044	47,672,044		
Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum and Utility, Administrative and Support Facilities							
1621 Storrs Road Rental Property Renovation	350,000	44,246	Planning/Design	44,246			44,246
ABL Phoenix Upgrade Phase 1	592,350	522,660	Substantially Complete	224,824			224,824
Ace Water Heater Replacement	275,000	212,759	Substantially Complete	189,583			189,583
Active Transportation Plan Study	100,000	-	Planning/Design	-			-
Ag Bio-Technology Bldg Cagewasher Replacement	175,000	67,370	Construction	67,370			67,370
Alumni Center Wood Shake Roof Replacement	100,000	-	Planning/Design	-			-
Alumni Residence Halls Roof Replacement	285,000	-	Planning/Design	-			-
Andover Infrastructure & Software Upgrade	2,596,000	1,521,746	Construction	701,221			701,221
Arjona 203 Computer Research Lab	23,284	23,284	Completed	(2,318)			(2,318)
Atwater Electrical Generator Replacement	603,000	99,570	Construction	23,518			23,518
Atwater Facade Repair	100,000	83,726	Substantially Complete	-			-
Avery Point Academic Building Chemistry Lab Renovation	300,000	234,890	Substantially Complete	-			-
Avery Point Academic Building Roof Replacement	1,270,000	748,407	Substantially Complete	7,564			7,564
Avery Point Sea Lab Floor Repair	230,000	15,200	Planning/Design	-			-
Babbidge Library VAV Replacement	204,000	153,562	Construction	153,562			153,562
Beach Hall 107A, 109A, 231 Renovation	125,000	37,680	Planning/Design	37,680	36,583		1,097
Beach Hall 302,317,443 Classroom Upgrades	135,000	97,086	Substantially Complete	97,086			97,086
Beach Hall Lab Renovations	4,107,190	4,107,190	Completed	(2,519)	(2,519)		-
Benton Art Museum Patio and Fountain Restoration	250,000	17,000	Planning/Design	-			-
Bio 4 Chiller Replacement	250,000	-	Planning/Design	-			-
Bio Annex 4 Switchgear and Transformer Replacement	250,000	53,359	Construction	27,753			27,753
Bio/Physics Cold Room - Phase 1	175,000	-	Planning/Design	-			-
Bishop Center 105-108 Offices	53,547	53,547	Completed	486			486
Bishop Center Roof - Electrical & HVAC Upgrade	400,000	161,047	Substantially Complete	417			417
Boiler Plant Equipment Replacement and Utility Tunnel Connection	40,000,000	14,463,148	Construction	5,219,067	5,219,067		-
Bousfield Plaza Landscaping	180,000	-	Planning/Design	-			-
Branford House Exterior Repairs	400,000	26,523	Planning/Design	26,523			26,523
Bronwell Switchgear Service Replacement	350,000	54,074	Planning/Design	12,957			12,957
Burton Hydrotherapy Mechanical Room Restoration	182,304	182,304	Completed	-			-
Campus Wayfinding 2022	300,000	-	Planning/Design	-			-
Capstone Land Purchase	6,638,379	6,638,379	Completed	6,638,379			6,638,379
Castleman - 122, 123, 123A Renovations For NASA Research	159,948	50,241	Construction	34,011			34,011
Castleman 136 Renovations	29,997	416	Planning/Design	416			416
Castleman 205 SoE Renovations (TL2328)	125,478	125,478	Completed	3,977	3,977		-
Central Campus Infrastructure	3,700,000	3,368,304	Substantially Complete	-			-
Central Utility Plant Office Renovation	100,000	18,652	Planning/Design	18,652			18,652
Chemistry A102 Research Lab Renovation	118,900	13,754	Construction	13,754			13,754
Chemistry R316 Renovations	275,000	258,451	Substantially Complete	98,431			98,431
Chemistry Roof Snow Guard Repair	916,000	663,834	Substantially Complete	654,243			654,243
CLAS Bio Physics Building Greenhouse	300,000	272,448	Substantially Complete	272,349			272,349
Clay Tile Sewer Pipe Relining Program	400,000	360,999	Substantially Complete	360,999			360,999
CRT Jorgensen Sound System Upgrade	180,500	14,834	Planning/Design	-			-
CUP Equipment Replacement and Pumping Improvements	23,000,000	14,477,164	Substantially Complete	-			-
Cyber Security Upgrades	200,000	124,995	Construction	124,995			124,995
Depot Campus School of Engineering Club Relocation	93,014	358	Planning/Design	358	358		-
Dining Hall Facilities Ventilation Upgrades	892,700	127,003	Substantially Complete	-			-
EH&S Building Interior Upgrades (TL2389)	149,783	-	Planning/Design	-			-
Engineering II 104 Computational Lab (TL2361)	155,000	104,264	Construction	104,264	104,264		-
Engineering II 205 Renovation (TL2377)	268,656	28,770	Planning/Design	28,770	28,770		-
Engineering II 217 ME-EDOC Relocation	115,000	67,346	Substantially Complete	67,346			67,346
Engineering Science Building - M. Hann Clean Room	275,000	208,487	Substantially Complete	11,122			11,122
Eversource Second Electrical Feed - Planning	3,000,000	197,254	Planning/Design	167,238	167,238		-

University of Connecticut
Capital Project Expenditure Report - All Funding Sources
Fiscal Year 2022 as of 12/31/2021

Project Name	Current Funded Budget*	Total Project Expenditures	Project Status	Fiscal Year to Date Expenditures By Funding Source			
				Total Fiscal Year Expenditures	UCONN 2000 Bonds	University Operating	Other Funding**
Exigent Repair - Replacement of Steam & Cond Piping	1,936,952	1,936,952	Completed	12,752	12,752		
Facilities Code Remediation	235,000	74,528	Construction	17,637		17,637	
Facilities Expensed Deferred Maintenance Projects	13,655,440	7,573,268	Construction	1,367,053		1,367,053	
Family Studies R22 Split System	100,000	-	Planning/Design	-			
Fenton River Well Field & Road Repair	450,000	173,953	Planning/Design	18,435	18,435		
Field House - Old Recreation Center Renovation	495,000	332,143	Planning/Design	332,143	332,143		
Field House Weight Room Office Demolition	5,995	4,859	Substantially Complete	4,859		4,859	
Fine Arts - Acoustician Study	64,000	-	Planning/Design	-			
Fine Arts - Krenicki Institute Renovation	412,000	255,233	Construction	233,763	230,703	3,060	
Fine Arts Panel and Device Replacement	127,711	127,711	Completed	89,964		89,964	
Freitas Ice Rink Mechanical Repairs	200,000	74,320	Substantially Complete	-			
Gampel 127 & 129 Office Suites Upgrades	82,126	69,077	Substantially Complete	69,077		69,077	
Gampel Electrical Generator Replacement	250,000	23,270	Planning/Design	-			
Gampel Room 106 KSI Renovation	105,500	105,413	Substantially Complete	17,579		17,579	
Garrigus Staircase Replacement	154,400	-	Planning/Design	-			
Gentry 131 Classroom Upgrades	127,940	127,940	Completed	127,940		127,940	
George J. Sherman Family Sports Complex Track Resurfacing	763,000	-	Construction	-			
Gilbert Road Site Preparation	400,000	-	Planning/Design	-			
Hartford - Student Academic Achievement Center Renovation	450,000	373,005	Substantially Complete	54,835		54,835	
Hartford 38 Prospect Street Air Handling Unit Replacement	89,000	-	Construction	-			
Hartford Graphic Art & Interior Signage	350,000	132,730	Planning/Design	33,067		33,067	
Heating Plant Upgrade - Emergency Power System Upgrade	435,961	435,961	Completed	45	45		
HEEP Pavilion and Pollinator Garden	50,000	11,912	Planning/Design	-			
Homer Babbidge Library SoE Computational Labs (TL2329)	239,098	239,098	Completed	22,255	17,576	4,679	
Horsebarn Hill Sewage Pump Station Upgrade	1,500,000	1,404,745	Substantially Complete	71,594		71,594	
Hosmer Hall Fire Alarm Upgrade	112,624	-	Construction	-			
Human Performance Lab Prep Room	126,500	109,249	Substantially Complete	-			
I-Lot Improvements	7,000,000	1,421,650	Construction	1,133,339	1,133,339		
Innovation Partnership Building - Backup Power	125,000	7,365	Planning/Design	-			
Institute of Environment New Living Building Design	24,000	19,885	Planning/Design	19,885			19,885
ITEB 201, 217, 230 C, D, E Upgrades	30,691	26,480	Substantially Complete	26,480		26,480	
ITEB C25 ECE Senior Design SOE (TL2344)	120,505	120,505	Completed	72,412	72,412		
ITEB SoE CSE Glassboards	33,751	26,520	Substantially Complete	21,745		21,745	
Jones Annex Renovation	90,000	72,457	Planning/Design	72,457	72,457		
Jorgensen Freight Elevator Modernization	350,000	-	Construction	-			
Jorgensen Lobby Renovations	125,000	-	Planning/Design	-			
Kinesiology Building HALL Renovation (TL2355)	753,500	439,085	Substantially Complete	255,628	255,628		
Klinck Building CAHNR 1st floor Upgrades	309,000	135,793	Construction	123,183	53,422	19,761	50,000
Koons Hall AHS Advising Center Office	16,467	16,467	Completed	16,467		16,467	
Law School Boiler Optimization	233,000	-	Construction	-			
Main Campus Parking Replacements	9,904,824	9,904,824	Completed	433	495,561	(495,128)	
Main Campus Substation Switchgear Relay Replacement	565,000	299,320	Construction	68,920		68,920	
Mansfield Road Paving Phase I	150,000	128,953	Substantially Complete	19,130		19,130	
McConaughy Elevator Modernization	230,000	-	Construction	-			
Mirror Lake Improvements	1,600,000	284,732	Planning/Design	-			
Mobile Office Building Purchase	1,300,000	1,300,000	Completed	1,300,000	1,300,000		
Mold / Lead / Asbestos Remediation	3,638,216	3,128,843	Substantially Complete	571,474		571,474	
Music Building Hypalon Roof Replacement	250,000	-	Planning/Design	-			
N. Eagleville Rd Area Infrastr Repair / Replace & Upgrade Phase III	57,500,000	56,293,925	Substantially Complete	311,169	311,169		
N. Eagleville Road and Discovery Drive Intersection Improvements	800,000	43,106	Bidding	8,869	8,869		
North and South Parking Garage Restoration	2,000,000	582,769	Construction	381,220		381,220	
North Campus Power & Communication Reliability Upgrades Planning	150,000	99,419	Planning/Design	-			
North Campus Stairwell Infill Renovation	86,000	-	Planning/Design	-			
North Campus Student Room Renovations Phase 3	100,000	-	Planning/Design	-			
North Eagleville Road East Steam Repair	650,000	417,942	Substantially Complete	315,893	315,893		
North East Residence Halls - Security Camera System	1,750,000	1,247,313	Substantially Complete	907,825	907,825		
North Residence Dining - Dish Room Renovation	850,000	535,212	Construction	344,811		344,811	
Northwest Quad - Science 1 - Site Improvements & Tunnel Phase II	56,000,000	27,973,866	Construction	9,202,831	9,202,831		
Northwest Quad Fire Panels	200,000	107,994	Construction	107,994		107,994	

University of Connecticut
Capital Project Expenditure Report - All Funding Sources
Fiscal Year 2022 as of 12/31/2021

Project Name	Current Funded Budget*	Total Project Expenditures	Project Status	Fiscal Year to Date Expenditures By Funding Source			
				Total Fiscal Year Expenditures	UCONN 2000 Bonds	University Operating	Other Funding**
Northwest Science Quad Infrastructure - Phase 1	20,750,000	19,970,529	Substantially Complete	-	-	-	-
Northwest Science Quad Supplemental Utility Plant	67,000,000	41,232,833	Construction	21,842,910	21,842,910	-	-
Oak Hall Building Lighting System Replacement	152,100	-	Planning/Design	-	-	-	-
Olympic Monument	200,000	135,270	Substantially Complete	132,550	-	78,000	54,550
Pharmacy Biology Building 522 Lab Upgrades	14,465	5,162	Planning/Design	5,162	-	5,162	-
Pharmacy/Biology Autoclave Replacement	125,000	-	Construction	-	-	-	-
Phillips Comm. Science 143E Renovation	115,000	-	Construction	-	-	-	-
Plant Science Furnace Replacement	135,000	20,360	Planning/Design	20,360	-	20,360	-
Public Safety Building Improvements	7,450,000	3,488,536	Construction	2,506,567	2,506,567	-	-
Public Safety Risk Assessment and Design Guideline	200,000	-	Planning/Design	-	-	-	-
Putnam Refectory 2 Boiler Replacement	225,000	-	Planning/Design	-	-	-	-
Rowe Center 122 Classroom Upgrade	77,000	-	Planning/Design	-	-	-	-
Sale of the Nathan Hale Inn	100,000	86,773	Substantially Complete	-	-	-	-
Shakers Testing Facility - Castleman	350,000	38,243	Bidding	2,885	2,885	-	-
South Campus Commons Landscape & Pedestrian Improvement Plan	4,316,258	4,316,258	Completed	368	368	-	-
South Campus Fire Pump Replacement	220,160	-	Construction	-	-	-	-
South East Campus Infrastructure	4,887,079	4,887,079	Completed	-	-	-	-
Spring Manor Farm Demolition Mitigation	75,000	34,796	Substantially Complete	34,796	34,796	-	-
Stamford Abutting Property Restoration	2,500,000	1,738,846	Substantially Complete	39,198	39,198	-	-
Stamford Campus Garage - Demolition	10,000,000	8,911,172	Substantially Complete	96,443	96,443	-	-
Stamford Campus Pump Replacement	133,000	-	Construction	-	-	-	-
Stamford Campus Surface Parking Lot	4,500,000	3,772,356	Substantially Complete	79,049	79,049	-	-
Stamford Start-Up Studio Office Renovations	150,000	132,348	Construction	126,942	-	126,942	-
Storrs Hall 215 School of Nursing Renovation (TL2318)	121,606	121,606	Completed	265	265	-	-
Storrs LED (SLED) Lighting Upgrade	7,850,000	5,216,805	Construction	648,050	-	648,050	-
Student Health Services Bldg - Pre-design & Planning	447,700	-	Planning/Design	-	-	-	-
Student Union - Security Card Access & Cameras	110,000	-	Planning/Design	-	-	-	-
Student Union Cultural Center Renovation	30,000	11,190	Planning/Design	11,190	11,190	-	-
Student Union East Elevation Curtain Wall & Masonry Repairs	1,500,000	1,424,870	Substantially Complete	-	-	-	-
Student Union Office Upgrades	417,948	417,948	Completed	3,146	-	3,146	-
Tasker Admissions Roof Restoration	662,040	254,480	Construction	230,800	-	230,800	-
Tasker Wall Repair	435,061	-	Planning/Design	-	-	-	-
Torrey Greenhouses Wiring Upgrade	200,000	2,114	Planning/Design	2,114	-	2,114	-
Torrey Life Science 168 Office Upgrades	53,625	25,707	Construction	25,707	-	25,707	-
Torrey Life Sciences 2nd Floor Biology Renovation	900,000	708,429	Substantially Complete	144,945	144,945	-	-
Torrey Life Sciences 415 & 417 Lab Renovations (TL2325)	100,000	-	Planning/Design	-	-	-	-
Torrey Life Sciences Building Evaluation Study	150,000	73,850	Planning/Design	73,850	73,850	-	-
Torrey Lower Roof Replacement	203,700	-	Construction	-	-	-	-
Towers Ceiling Replacement	200,000	-	Planning/Design	-	-	-	-
Towers Fire Panels	102,740	102,740	Completed	102,740	-	102,740	-
Towers Mechanical Room Upgrade	300,000	-	Construction	-	-	-	-
UCFM Code Remediation - Campus Wide Laundry Alterations	2,346,647	2,346,647	Completed	(279)	(279)	-	-
UCFM Code Remediation - McMahon Hall Laundry Operations	10,000	-	Planning/Design	-	-	-	-
UCFM Code Remediation - Williams Health Services Building	245,000	179,312	Substantially Complete	75,943	75,943	-	-
UConn 2000 Code Remed - Stamford Downtown Relocation	22,000,000	4,323,588	Construction	1,676,210	1,676,210	-	-
UConn Parking Services Relocation Project	650,000	219,076	Construction	219,076	-	219,076	-
UConn Stamford Mill River Remediation	450,000	75,800	Planning/Design	9,081	9,081	-	-
University Athletic District Development (a.k.a. Stadia)	21,800,000	21,765,630	Substantially Complete	12,647	12,647	-	-
University Dams Evaluation and Restoration	468,000	261,780	Substantially Complete	63,861	63,861	-	-
University Golf Practice Location	50,000	-	Planning/Design	-	-	-	-
UPDC Relocation	960,000	14,160	Construction	14,160	14,160	-	-
UTEB SoE Computational Labs	250,000	147,526	Construction	147,526	147,526	-	-
UTEB SoE Faculty Offices Renovation (TL2378)	95,000	61,052	Construction	61,052	61,052	-	-
Utility Infrastructure GIS Mapping	759,444	759,444	Completed	3,060	3,060	-	-
Von Der Mehden Hall Roof Restoration	200,000	20,013	Planning/Design	10,265	-	10,265	-
Waterbury Lab Renovations	73,000	-	Planning/Design	-	-	-	-
Werth Champions Center Dining Renovation	1,268,000	18,128	Planning/Design	9,369	-	9,369	-
West ALSOP Mechanical Room Upgrade	150,000	-	Planning/Design	-	-	-	-
White Building Roof & Drainage System Replacement	145,800	15,015	Construction	15,015	-	15,015	-

University of Connecticut
Capital Project Expenditure Report - All Funding Sources
Fiscal Year 2022 as of 12/31/2021

Project Name	Current Funded Budget*	Total Project Expenditures	Project Status	Total Fiscal Year Expenditures	Fiscal Year to Date Expenditures By Funding Source		
					UCONN 2000 Bonds	University Operating	Other Funding**
Whitney Hall Dining Renovations	3,711,608	3,711,608	Completed	4,151		4,151	
WPCF Chlorine Contact Chamber Rehabilitation	300,000	126,386	Substantially Complete	-			
WPCF Clarifier Tank Improvement & Repair	199,360	6,069	Construction	6,069		6,069	
Y & Z Parking Lots and Electrical Restoration	2,377,000	1,508,785	Construction	1,255,622		1,255,622	
Young 219 Office Renovation	59,556	59,556	Completed	8		8	
Young Building 302A Window Installation	36,000	-	Construction	-			
Zero Carbon Scenario Planning	250,000	211,827	Planning/Design	-			
DM/Code/ADA/Infrastructure/Renovation/Utility/Administrative/Support Facilities Total				62,896,360	47,272,993	15,498,932	124,435
Engineering Building							
Engineering Building - Engineering & Science Building	92,529,568	92,529,568	Completed	101,750	101,750		
Engineering Building Total				101,750	101,750	-	-
Equipment, Library Collections & Telecommunications - Phase III							
Academic Capital Equipment	23,696,549	20,014,019	Underway	1,015,036	1,015,036		
Gampel Audio System Replacement	584,979	584,979	Completed	(13,163)	(13,163)		
ITS Capital Equipment	27,000,991	24,349,367	Underway	813,995	813,995		
Public Safety Capital Equipment	18,890,552	16,537,291	Underway	794,115	794,115		
Travel Management & Expense Reimbursement System Implementation	1,148,103	1,125,522	Substantially Complete	-			
Wired Access Layer (ITS) - Phase 1	3,632,326	3,496,305	Substantially Complete	156,311	156,311		
Wired Access Layer (ITS) - Phase 2	4,200,000	2,585,731	Construction	451,875	451,875		
Wired Access Layer (ITS) - Phase 3	4,000,000	-	Construction	-			
Equipment, Library Collections & Telecommunications - Phase III Total				3,218,169	3,218,169	-	-
Fine Arts Phase II							
Fine Arts Phase II - Renovation & Improvements	37,403,317	35,122,935	Substantially Complete	93,664	93,664		
Fine Arts Phase II Total				93,664	93,664	-	-
Intramural, Recreational & Intercollegiate Facilities							
Central Campus Infrastructure	25,000,000	25,000,000	Substantially Complete	-			
Student Recreation Center	98,000,000	97,023,558	Substantially Complete	34,075		34,075	
UConn Hockey Arena	35,197,084	14,861,552	Construction	11,009,109		11,009,109	
University Athletic District Development (a.k.a. Stadia)	67,125,696	64,029,151	Substantially Complete	1,251,070		808,788	442,282
Intramural, Recreational & Intercollegiate Facilities Total				12,294,254	-	11,851,972	442,282
Mansfield Training School Improvements							
Longley Bathroom Renovations	490,000	360,433	Construction	222,038	222,038		
Mansfield Training School Improvements Total				222,038	222,038	-	-
North Hillside Road Completion							
North Hillside Road Completion	18,647,322	18,647,322	Completed	18,896	236,365		(217,469)
North Hillside Road Completion Total				18,896	236,365	-	(217,469)
Residential Life Facilities							
Res Life Facilities - Buckley Hall Facade Renovation	425,000	63,369	Planning/Design	-			
Res Life Facilities - Hicks and Grange Student Room Renovation	1,875,000	1,796,213	Substantially Complete	624,869	624,869		
Res Life Facilities - Hilltop Apartments Upgrades	290,000	241,368	Planning/Design	205,101	205,101		
Res Life Facilities - Mansfield Apartments Redevelopment	850,000	-	Planning/Design	-			
Res Life Facilities - McMahon Hall Envelope Repairs	499,000	202,867	Planning/Design	-			
Res Life Facilities - North Campus Residence Hall Reno - Phase II	2,170,000	1,436,855	Substantially Complete	1,162,800	1,162,800		
Res Life Facilities - Residence Halls Door Access Reader Upgrade	428,000	352,508	Substantially Complete	60,672	60,672		
Res Life Facilities - Site Evaluations	450,000	-	Planning/Design	-			
Res Life Facilities - South Campus Residence Halls Improvements	6,500,000	213,050	Planning/Design	213,050	213,050		
Residential Life Facilities Total				2,266,492	2,266,492	-	-
Technology Quadrant-Phase III							
Tech Quad Phase III - Innovation Partnership Building	157,952,110	157,952,110	Completed	114,871			114,871
Technology Quadrant-Phase III Total				114,871	-	-	114,871
Sub Total - Storrs & Regional Campuses:				128,898,538	101,083,515	27,350,904	464,119
UConn Health Center (UCONN 2000 Funding Only)							
Def Mtn/Code & ADA Cmp/Inf Imp & Reno Lump Sum/UA&S Fac-UCHC							
UCHC Deferred Maintenance	76,165,520	50,336,087	Construction	-			
Def Mtn/Code & ADA Cmp/Inf Imp & Reno Lump Sum/UA&S Fac-UCHC Total				-	-	-	-
Equipment, Library Collections & Telecommunications-UCHC							
UCHC Capital Equipment	74,399,314	72,956,360	Underway	-			

**University of Connecticut
Capital Project Expenditure Report - All Funding Sources
Fiscal Year 2022 as of 12/31/2021**

Project Name	Current Funded Budget*	Total Project Expenditures	Project Status	Total Fiscal Year Expenditures	Fiscal Year to Date Expenditures By Funding Source			
					UConn 2000 Bonds	University Operating	Other Funding**	
Equipment, Library Collections & Telecommunications-UCHC Total					-	-	-	-
UCHC New Construction & Renovation								
UCHC New Construction & Renovation - Clinic Building	88,417,867	88,417,867	Completed	698,205	698,205			
UCHC New Construction & Renovation Total					698,205	698,205	-	-
Sub Total - UConn Health Center (UConn 2000 Funding Only):					698,205	698,205	-	-
Total - Storrs, Regional Campuses and UConn Health Center - Current Year Expenditures:					\$ 129,596,743	\$ 101,781,720	\$ 27,350,904	\$ 464,119
Adjustment for Transfers Between Fund Sources***:					\$ -	\$ (712,597)	\$ 495,128	\$ 217,469
Adjusted Total - Storrs, Regional Campuses and UConn Health Center - Current Year Expenditures:					\$ 129,596,743	\$ 101,069,123	\$ 27,846,032	\$ 681,588

* - Current Funded Budget may be less than the approved budget, and represents the current funding available for the project

** - Other funding sources include State Bond Funds, Gifts, Grants and Federal Funds

*** - Per Capital Projects Policies and Procedures, transfers between funding sources may occur periodically, as determined necessary by the Office of Budget and Planning and approved by the Board of Trustees, if necessary. If a current period transfer captures expenses paid in a previous fiscal year, a negative balance occurs in the report. This adjustment corrects for prior year expenditures in the current year transfers.

University of Connecticut
Capital Project Financial and Funding Summary by Status
Fiscal Year 2022 as of 12/31/2021

Financial Summary of FY22 Projects by Project Status				
Project Status	Funded Budget - FY22 Projects	Cumulative Project Expenditures - FY22 Projects	Total Project Count By Status	Total Fiscal Year Expenditures
Planning / Design / Bidding:	26,871,676	2,853,318	68	1,384,123
Construction:	748,321,806	406,427,380	54	107,272,232
Underway (Equipment Only):	143,987,406	133,857,036	4	2,623,146
Substantially Complete:	405,742,771	379,371,624	54	9,002,951
Completed:	400,194,373	400,194,373	29	9,314,291
Totals:	1,725,118,033	1,322,703,732	209	129,596,743

FY22 Expenditures by Status and Funding Source				
Project Status	UCONN 2000 Bonds	University Operating	Revenue Bonds	Other Funding*
Planning / Design / Bidding:	1,180,010	192,987	-	19,885
Construction:	90,229,202	17,000,080	-	50,000
Underway (Equipment Only):	2,623,146	-	-	-
Substantially Complete:	4,822,987	3,683,132	-	496,832
Completed:	2,926,375	6,474,705	-	(102,598)
Totals:	101,781,720	27,350,904	-	464,119

* - Other funding sources include State Bond Funds, Gifts, Grants and Federal Funds