







Thanks in good measure to UConn 2000, the University continues to attract scores of the state and nation's best and brightest students to Connecticut, most of whom live and work in the Nutmeg State after commencement.

UCONN 2000

REBUILDING, RENEWING AND ENHANCING THE UNIVERSITY OF CONNECTICUT

July 2022

The **Fifty-Fourth** in a series of reports to

Governor Ned Lamont and the Connecticut General Assembly

UNIVERSITY OF CONNECTICUT

UCONN 2000: THE UPDATE

This is the fifty-fourth in a series of semi-annual reports to the Governor and the General Assembly pursuant to the provisions of Sections 10a-109 through 10a-109y of the Connecticut General Statutes, originally An Act to Enhance the Infrastructure of the University of Connecticut, now known as UCONN 2000. These reports have been issued biannually since passage of UCONN 2000 on June 7, 1995. The law also requires a four-year progress report, which was filed on January 15, 1999, as well as two five-year performance reviews, which were submitted January 15, 2006 and January 15, 2011. The Act further provides that not later than December 31, 2019 and every 5 years thereafter, the University shall conduct an assessment of the University's progress in meeting the purposes set forth and incorporated in the Act by Next Generation Connecticut.

UCONN 2000: PROGRAM IMPROVEMENT

During this reporting period, the requirements concerning UCONN 2000 contained in Public Act 06-134 continue to be implemented. In 2008, the Construction Management Oversight Committee (CMOC) concluded its most significant and major undertaking, approving the policies and procedures developed by the University. In December 2014, the CMOC unanimously voted that the CMOC had successfully concluded its work as defined in statute and the four members appointed by the Governor and legislative leaders resigned from the committee. Despite requests to refill vacancies, no new appointments have been made and the committee has not been able to meet due to the lack of a quorum. Absent the appointments being made, the UConn Board of Trustees voted to transfer the CMOC's responsibilities to the Board's Buildings, Grounds and Environment Committee (BGE). BGE meets on a regular basis to review reports from the Office of Audit and Management Advisory Services (AMAS), which has taken on the statutory responsibilities of the Office of Construction Assurance. The office reviews the University's management of projects for conformance with the applicable policies and procedures governing construction, and is headed by the Chief Audit Executive, who reports to the Joint Audit & Compliance Committee, UConn Board of Trustees and the President. BGE also reviews the status of major projects and remaining code correction programs.

Pursuant to Chapter 185b, Section 10a-109z of the Connecticut General Statutes (the Statute), the Board of Trustees for the University of Connecticut appointed the independent accounting firms of Marcum LLP (formerly UHY LLP), and RSM US LLP (formerly McGladrey LLP), to perform audits of the UCONN 2000 project expenditures for the Fiscal Years 2005 through 2010 and 2011 through 2015, respectively. Marcum and RSM issued an unmodified or clean audit opinion for each year of the engagement. With the exception of Fiscal Year 2013, no material weaknesses or significant deficiencies in internal controls were reported to management in connection with the audits of UCONN 2000 project expenditures for Fiscal Years 2005 through 2015. In connection with the audit of UCONN 2000 project expenditures for the 2013 Fiscal Year, RSM identified a deficiency in internal control that they determined constituted a significant deficiency related to the application of certain markups on change orders and base contracts. University management has taken steps to enhance the effectiveness of internal control to ensure that markup calculations are accurate and in accordance with contract terms. CohnReznick was appointed to perform audits of the UCONN 2000 project expenditures for the Fiscal Years 2016 through 2020. CohnReznick issued unmodified audit opinions with no material weakness or significant deficiencies in internal controls reported to management for each year of the engagement.

Mayer Hoffman McCann P.C. (MHM) has been appointed to perform audits of the UCONN 2000 project expenditures for the Fiscal Years 2021 through 2023. For the 2021 Fiscal Year, MHM issued a report with no material weaknesses or significant deficiencies in internal controls as related to the Statute requirements.

The University employs building and life safety inspectors who review and sign off on all University construction plans and conduct field inspections to ensure that construction work meets all state building and life safety codes. The University inspectors work closely and effectively with the State Building Inspectors to ensure projects are code compliant.

RECENT CAPITAL FUNDING HISTORY: UNPARALLELED STATE COMMITMENT

In 2011, the State of Connecticut made strategic investments in the University of Connecticut and the University of Connecticut Health Center (UConn Health) to position Connecticut at the forefront of the growing bioscience industry. The investments were made with the promise that they would leverage other bioscience initiatives.

In 2011, the General Assembly approved the Bioscience Connecticut Initiative (Public Act 11-75), a bold \$864 million plan to reinvigorate all three areas of the UConn Health mission – research, education and clinical care. These investments aimed to generate long term sustainable economic growth based on bioscience research, innovation, entrepreneurship and commercialization. The project also called for short-term economic activity through a surge of construction-related jobs attributable to the expansion and renovation of infrastructure at UConn Health.

Construction components of Bioscience Connecticut on the UConn Health campus included:

- Renovating and modernizing, for the first time in its history, UConn Health's original research facilities on the Farmington campus. This included expanding space for start-up bioscience businesses at the Cell and Genome Sciences Building.
- Constructing a new hospital tower.
- Renovating portions of the John Dempsey Hospital and the Clinic Building. Constructing, with private financing, a new UConn Health Outpatient Pavilion on the lower campus.
- Construction of an addition to the Academic Building to support an increase in Medical and Dental School class sizes.

Programmatic components of Bioscience Connecticut included:

- Recruiting new faculty, including clinicians and basic scientists, to increase healthcare access and federal and industry research awards.
- Doubling existing business incubator space to support commercialization and start-up companies.
- Expanding the School of Medicine and School of Dental Medicine class sizes by 30 percent.
- Implementing a loan forgiveness program for UConn Medical School graduates who pursue careers in primary care in Connecticut.

- Sponsoring a Health Disparities Institute to enhance research and the delivery of care to the minority and medically underserved populations of the state.
- Supporting the development of a primary care institute located on the campus of Saint Francis Hospital and Medical Center the Connecticut Institute for Primary Care Innovation intended to increase the number of primary care providers in the state.
- Supporting the development of a comprehensive cancer center to expand clinical trials and advance patient care at multiple sites in the Hartford region.

The groundbreaking for the first Bioscience Connecticut project took place on June 11, 2012. As previously reported, all projects associated with Bioscience Connecticut are complete and the UConn Health campus has been transformed into a modern, state-of-the-art academic medical center campus. Key construction projects that have been finalized include the Main Building Research Lab Renovations, the Technology Incubator Addition, the Academic Addition and Renovations, the Outpatient Pavilion, a new hospital bed tower known as the University Tower, three new parking garages, and many roadway improvements both on and off campus. The final project, Renovations to the Clinical Area of the Main Building, was completed in May 2019. With the completion of the final projects, FY18 was the final year of funding for UConn Health projects under the Bioscience Connecticut Initiative.

Also in 2011, legislation was enacted, which was subsequently amended in 2014 that provided \$169.5 million in funding to create the first building of a Technology Park (The Innovation Partnership Building – IPB) on the Storrs campus. The new Tech Park, like the Bioscience Connecticut Initiative, is a critical component of Connecticut's plan to stimulate long-term economic growth by supporting innovation, new technologies and the creation of new companies and high-paying, sustainable jobs. Twenty-first century tech park models emphasize invention, incubation and entrepreneurship. The first building of the Tech Park will help hit the mark by promoting academic and industrial partnerships and by providing the physical and intellectual capacity to foster discovery. The IPB was completed in 2020.

In October 2011, just months after the passage of the capital investment at UConn Health, the General Assembly adopted in special session, Public Act 11-2 establishing the Connecticut Bioscience Collaboration Program (the "Collaboration") supporting the establishment of a Bioscience cluster anchored by the world-renowned Jackson Laboratory. The Jackson Laboratory Center for Genomic Medicine research building, located on UConn Health's campus in Farmington, opened in October 2014.

In July 2013, the General Assembly adopted Public Act 13-233 establishing Next Generation Connecticut for the purposes of construction, renovations, infrastructure and equipment related to the development of preeminence in the University of Connecticut's research and innovation programs. The Act not only authorized additional projects, but it also extended the capital program by 6 years through 2024 and added \$1.551 billion of additional funding. Pending annual operating appropriations, the Next Generation Connecticut initiative will also allow the University to (1) hire and support outstanding faculty, (2) train and educate more science, technology, engineering and math (STEM) graduates to meet the future workforce needs of Connecticut, and (3) initiate collaborative partnerships that lead to scientific and technological breakthroughs. During the 2017 legislative

session, the phasing of the capital program funding was changed and the Next Generation Connecticut initiative was extended by three years to 2027.

For UConn Health, during the 2021 legislative session, the General Assembly approved an additional \$25 million in the UCONN2000 Program, Phase III, for deferred maintenance. And during the 2022 legislative session, the General Assembly authorized the bond commission to issue an additional \$40 million in bonds to fund UConn Health deferred maintenance. State Bond Commission approval is required for this authorization to be provided to UConn Health. These critical funds will be used to repair or replace building infrastructure components that are outdated and/or past their projected life span. The overall need for such funding is projected to be \$295 million over a 10-year period.

UCONN 2000: STATUS REPORT

MASTER PLANNING, DESIGN AND MANAGEMENT

The University's Master Plan provides a template for the development of the University's physical plant and infrastructure. The 1998 Storrs Campus Master Plan was updated in 2006 to reflect the extensive physical changes on all the campuses resulting from the UCONN 2000 initiatives. It should be noted that the Master Plan has been modified throughout the project planning, design and construction process of UCONN 2000. As part of the Technology Park initiative, an update to the North Campus Master Plan was prepared to delineate various site, vehicular and pedestrian pathways, utility corridors, and landscape improvements to facilitate the future development of that part of campus. This work is incorporated in the comprehensive 2015 Master Plan for the campus.

The 2015 Master Plan reflects the impacts of the proposed projects included in the Next Generation Connecticut initiative and guides the development of the Storrs campus for the twenty (20) year period between 2015 and 2035. The 2015 Master Plan documents the state of existing conditions on campus and issues related to land use; space needs for academic, research, student life and administrative uses; recommended deferred maintenance and capital investments in the physical plant; environmental issues and sustainable design principles for future development; parking, circulation and transportation issues; and specific strategies to improve landscape quality and open spaces. The Master Plan references the programmatic ties to the Regional campuses, but does not include separate master plans for those locations.

The 2015 Master Plan is a comprehensive summary of the current conditions of the campus as of 2015 and a guideline for the proposed development of the Storrs campus over the next 20 years. The first ten years of development (2015-2024) are driven by the adopted Academic Vision Plan and fueled by the Next Generation Connecticut funding program. The plan also forecasts development that may occur beyond the Next Generation Connecticut projects (2028 -2035). This potential future development will require new funding sources and builds on the success of the first decade of growth. The total amount of development portrayed in the plan includes facilities that would be needed to grow the undergraduate student population by 5,000, accommodate a substantially larger research enterprise, repair or replace obsolete facilities and meet the commitments of the Climate Action Plan for a sustainable campus.

Implementation of the Master Plan

Future planned development will be programmed and designed to conform to the concepts and the development pattern contained in the Master Plan documents. The Master Plan will inform the design and implementation of the utility infrastructure, storm water management systems, roads and parking areas, landscape and land use, and individual projects. The urban form of the campus will take shape as envisioned in the Master Plan and will be refined by future design initiatives as specific developments are designed and built. While the Master Plan will inform and guide future development decisions, the final location, design, and programming of specific projects will be decided when those projects are implemented. Individual construction projects undertaken as part of this plan will, as always, be brought to the Board of Trustees for approval, along with the project budgets.

The final version of the Master Plan and its Executive Summary, Design Guidelines and Appendices, dated May 2015, were issued and are posted on the UConn website at http://masterplan.uconn.edu/documents/.

BIOSCIENCE CONNECTICUT

All of the Bioscience Connecticut construction projects are complete. Through March 2019, over 6,200 construction workers were employed on the Bioscience Connecticut projects and 85% of the construction contracts were awarded to Connecticut companies. The Minority/Women/ Disadvantaged Business participation reached 23%, exceeding the statutory minimum of 6.25% by nearly 17%.

The Bioscience Connecticut initiative planned for \$69 million in funding from operations, special eligible gifts or other sources toward new construction and renovation projects. UConn Health and the University of Connecticut Foundation will continue their efforts to identify funding opportunities for these capital needs.

CAPITAL PROGRAM

The Board of Trustees, at its June 29, 2022 meeting, approved the FY23 Capital Budget totaling \$190,000,000 as shown in Exhibit A. This amount reflects \$125,100,000 of UCONN 2000 State bond funds, \$53,170,800 of University funds, and \$11,729,200 of other State bond funds.

Storrs & Regional Campuses

The following is a brief description of some of the named projects included in the FY23 Capital Budget or previous budgets, which are currently in planning, design or construction.

Academic and Research Facilities

The 285,000 gross square foot Gant Science Complex will be renovated to accommodate current and future University needs in response to growing student enrollment in STEM programs. These improvements will include classrooms, lecture halls, teaching and research laboratories, faculty offices and support spaces. Exterior site and plaza areas will be improved to make them more inviting and accessible to the campus community. The building envelope (façades and roofs) will be reconstructed to provide a more attractive waterproof skin with better energy performance. A new light court was built as part of phase 1 which enclosed the existing opening at the Gant Plaza. Phased construction began in Winter 2018 and is scheduled to be complete in 2025.





The STEM Research Center Science 1 building is a keystone in the effort to fulfill the mandates of Next Generation Connecticut and will provide critical new research facilities for the existing and new STEM faculty. The 200,000 square foot research facility will be designed to meet some of current and future programmatic requirements of the University as it seeks to balance the anticipated rise in student enrollment in STEM programs with future programmatic research needs. Construction on the building commenced in June 2020 with anticipated completion in Fall 2022.



Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum and Utility, Administrative and Support Facilities

Per statute, the "deferred maintenance" portion of the project name is defined as "repair of an infrastructure or structure that was not maintained, repaired or replaced in the usual course of maintenance and repair." In addition, the University intentionally designs projects to repair undermaintained facilities and infrastructure up to current standards and with necessary improvements to accommodate the current needs of the campuses. Also, the statutory named line clarification and new definition allows the University to construct new utility, infrastructure, administrative and support facilities as needed. In general, projects fall into one or more of the following categories:

- Safety, code and ADA required improvements
- Roof and exterior repairs
- Building mechanical system improvements
- Utilities repairs and upgrades
- General building renovations
- Roads, walks and grounds
- Environmental remediation
- New utility, infrastructure, administrative and support facilities

Some of the major projects to be funded within this category during FY23 are Northwest Science Quad-Science 1- Site Improvements and Tunnel Phase II, a new Supplemental Utility Plant, Boiler Plant Equipment Replacement and Utility Tunnel Connection, UCONN 2000 Code Remediation – Stamford Downtown Relocation, Public Safety Building Addition, Infrastructure and Grounds projects (NER and Discovery Drive Intersection Improvements, I-Lot Improvements, and Mirror Lake Improvements), and various programmatic renovations. Five of the projects currently underway in this category are summarized below.



Northwest Quad: Science 1- Site Improvements and Tunnel Phase 2

The Board of Trustees approved the Master Plan on February 25, 2015 that provides a vision and a series of development guidelines for new construction on the Storrs campus and specifically for the advancement of the area known as the Northwest Science Quad District. The District will be the location for the expansion of UConn's research enterprise of buildings and infrastructure in support of new STEM research and teaching facilities. This project consists of a series of enabling projects that support the new quad development including the utility tunnel extension from the existing Gant tunnel, the direct burial of utilities for connections to the campus loop, stormwater management with a woodland corridor extension from the Gant complex, a new surface parking lot, and improvements to King Hill and Hillside Roads, including a new roundabout. These projects were designed concurrently with the STEM Research Center- Science 1 project. Construction on the enabling projects began in Summer 2020 and are anticipated to be complete in Fall 2022.



Supplemental Utility Plant

The University produces or treats and distributes its own electrical power, steam, chilled water domestic water, reclaimed water, and sanitary waste for use on campus. Utility modelling has shown that additional chilled water, steam, and electrical power will be needed to support the development of the Storrs Campus as projected by the University Master Plan and Next Generation Connecticut Capital Plan. These additional loads will be produced in and distributed from a new Supplemental Utility Plant (SUP) located in the Northwest section of campus.



The Supplemental Utility Plant will be constructed in 2 phases:

Phase I includes a new building and the following equipment: four new chillers, and two electric generators to support the new STEM Research Center Science 1 and the renovated Gant Science Complex. The SUP will also include space for a new steam boiler to replace an aging boiler, which is currently located at the Central Utility Plant. Construction began in Summer 2020 and will be completed in Fall 2022.

Phase II will include an addition to the building constructed in Phase I and will house two trigeneration turbines. The addition of these turbines will increase the on campus electrical production capacity to align with planned future campus peak demands. As of Summer 2022, Phase II is on hold pending completion of a feasibility study to determine whether the increased electrical demand can be produced using renewable energy sources such as solar power.

UCONN Code Remediation - Stamford Downtown Relocation

After completing a required plan review and field inspection of the UCONN 2000 Code Remediation-

Stamford Campus Downtown Relocation project, the Office of the Fire Marshal and Building Inspector cited numerous code discrepancies related to the original project. This project will mitigate the balance of the discrepancies and integrate the designed mitigation with planned programmatic renovations. The project will be completed in phases over a number of consecutive summers in order to minimize the impacts on the use and occupancy of the building during construction. Scope of work includes sprinkler, egress, fire separation assemblies, restrooms, and office/classroom renovations. The first phase was completed in 2020. Construction on the second phase began in Summer 2021 with completion in Winter 2023.



Public Safety Building Addition

The Public Safety Building is the headquarters for the Division of Public Safety and houses the



UConn Police Department, UConn Fire Department, statewide Dispatch Center as well as Division administrative staff. The building serves to support UConn's statewide public safety efforts at all UConn campuses. The building was opened in 1992 and has not expanded in the nearly 30 years it has been occupied,

even though the Division has grown significantly during this time. This project will construct a new addition at the lawn area adjacent the existing fire department equipment bays to house the fire department staff. The floor area in the existing facility currently occupied by the Fire Department will be renovated to provide additional locker areas for the Police Department, and an expanded dispatch area. Construction began in Spring 2021 and will be complete in Fall 2022.

Boiler Plant Equipment Replacement & Utility Tunnel Connection

This project will replace the existing 1960's vintage Central Utility Plant (CUP) Boilers as well as complete the utility tunnel interconnection between the future Supplemental Utility Plant and the existing Central Utility Plant. The existing boilers are inefficient and require extensive maintenance to remain operational. In addition, CT Department of Energy and Environmental Protection notified the University that the boilers are to be de-commissioned by June 2023 due to non-compliance with more stringent emissions regulations. The new efficient boilers will reduce greenhouse gas emissions by 3.5%-5.25% from current levels.

The Boiler Plant Equipment Replacement and Utility Tunnel Connection project will be implemented in 3 phases. In Phase I, the University will pre-purchase 3 factoryfabricated, dual-fuel water-tube boilers.

In Phase II, the existing boilers will be decommissioned and demolished in preparation for Phase III. Also, in phase II, the utility tunnel connection will be completed. Work includes extension of the steam, chilled water, and electrical connections from their current locations within the existing "North Utility Tunnel" at the northeast corner of the UTEB building into the CUP.



Phase III will install the new boilers. Construction began in Summer 2020 with anticipated completion in 2023.

Equipment, Library Collections & Telecommunications

The enhancement of the University's infrastructure includes its instructional and scientific equipment. The equipment replacement category permits the University to replace outmoded items with state-of-the-art laboratory devices and computers. The funding encompasses seven major categories: management information systems, computers, research equipment, instructional equipment, furnishings, operational and public safety support, and library materials.

Residential Life Facilities

This named project represents the overarching authorization to undertake activities to provide housing and dining facilities for the University's students. Although the quantity and the diversity of campus living arrangements were expanded under the first two phases of UCONN 2000, much remains to be done. Funding will support improvements to current dormitory amenities and other deferred maintenance needs in all of the residential and dining facilities. Construction of a new residence hall, the Peter J. Werth Residence Tower, was completed in 2016 and renovations of the older dormitories and dining halls and code improvements are continuously ongoing. During the summer of 2022, renovations were underway in the student rooms of the North Campus Residence Halls.

Preliminary planning and design of a new South Campus Residence Hall was started in 2021. The new building would create much needed swing space for the housing rehabilitation and replacement program. In Fall 2021, the University began planning the redevelopment of the current Mansfield Apartments complex circa 1940. The University's Campus Master Plan identified the Mansfield Apartments site as a primary location for a denser apartment-style development. Apartment-style housing is in high demand from students and the new complex would help satisfy the demand by providing 800-950 beds.

UConn Health

In 2018, an external third party provided UConn Health with a ten-year Facilities Condition Assessment (FCA). The assessment identified \$295 million in Deferred Maintenance needs across the following categories:

- **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).
- **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).
- **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).

The FY22 allocation of \$25 million in new UCONN 2000 funding for deferred maintenance needs marked the first new funds for UConn Health since the Bioscience Connecticut Initiative funding ended in FY18. New projects are being initiated to utilize these funds for the highest priority deferred maintenance needs. UConn Health will request DM funding on an on-going basis to meet the needs identified in the FCA.

Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum and Utility, Administrative and Support Facilities

Per statute, the "deferred maintenance" portion of the project name is defined as "repair of an infrastructure or structure that was not maintained, repaired or replaced in the usual course of maintenance and repair." In addition, the University intentionally designs projects to repair undermaintained facilities and infrastructure up to current standards and with necessary improvements to accommodate the current needs of the campuses. The statutory named line clarification and new definition also allows the University to construct new utility, infrastructure, administrative and support facilities as needed. In general, projects fall into one or more of the following categories:

- Safety, code and ADA required improvements
- Roof and exterior repairs
- Building mechanical system improvements
- Utilities repairs and upgrades
- General building renovations
- Roads, walks and grounds
- Environmental remediation
- New utility, infrastructure, administrative and support facilities

Several projects are in the planning phase including roof replacements and replacement of building infrastructure components.

UCONN 2000: SET-ASIDE CONTRACTOR

Public Act 99-241 called for, among other things, information regarding use of Connecticut owned businesses on UCONN 2000 program projects, including those owned by women and minorities ("set-aside" contractors). Since Fiscal Year 1996, construction and related contracts for the UCONN 2000 program totaled \$4.6 billion from all fund sources; \$3.6 billion is strictly UCONN 2000 funds. As of July 2022, Connecticut businesses have accounted for \$2.83 billion of the total contracted dollars with "set-aside" general contractors and subcontractors accounting for \$933.7 million. Overall, small business participation has amounted to \$528.1 million, minority business participation has amounted to \$285.8 million.

UCONN 2000: FINANCE

Pursuant to Section 10a-109x of the Connecticut General Statutes, the semi-annual report to the General Assembly is to provide, among other things, information on the number of projects and securities authorized, approved and issued; the payment of debt service requirements, and the payment of principal and interest on the UCONN 2000 securities; and the amount of investment earnings. This section provides that information.

Legislative Authorizations - Selected Discussion

During June 2021, the Governor signed Public Act 21-2 increasing the Debt Service Commitment amount for Fiscal Year 2022 by \$25,000,000 to \$215,500,000 which increased the Fiscal Year 1996 to 2027 total Debt Service Commitment amounts to \$4,307,900,000. The estimated costs in the act were also changed including increasing the project known as "Deferred Maintenance/Code

Compliance/ADA Compliance/Infrastructure & Improvements Renovation Lump Sum and Utility, Administrative and Support Facilities - Health Center".

During March 2020, Public Act 20-1 was approved which reallocated the authorized Debt Service Commitment debt funding paid for by the State among the Fiscal Years 2020 through 2027 but did not change the total Debt Service Commitment amount authorized for UCONN 2000 projects.

During October 2017, the General Assembly passed Public Act 17-2 and the Governor signed on October 31, 2017 "An Act Concerning the State Budget for the Biennium Ending June 30, 2019, Making Appropriations Therefor, Authorizing and Adjusting Bonds of the State And Implementing Provisions of the Budget" that which among other things, moved some of the authorized DSC bond funding from Fiscal Years 2018 through 2023 and added it to 2024, and the newly added Fiscal Years 2025, 2026 and 2027 (without changing total DSC funding); and changed the name of the UCONN 2000 project "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum" to "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum and Utility, Administrative and Support Facilities" and UConn Health's UCONN 2000 named project formally known as "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure & Improvements Renovation Sum — Health Center" to the new UCONN 2000 project name of "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure & Improvements Renovation Lump Sum and Utility, Administrative and Support Facilities – Health Center".

During the May 2016 Special Session, the General Assembly passed Public Act 16-4 effective July 1, 2016 which among other things changed the name of the UCONN 2000 project "Deferred Maintenance/Code/ADA Renovation Lump Sum" to "Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure Improvements & Renovation Lump Sum" and also shifted \$26,000,000 of Debt Service Commitment authorizations from Fiscal Year 2017 to Fiscal Year 2018.

During May 2014, Governor Malloy signed Public Act 14-98 which clarified that the language in the UCONN 2000 legislation limiting UCONN 2000 debt applied only to the debt service commitment debt that the State pays and the limit does not apply to UCONN 2000 Special Obligation Student Fee Revenue bonds and other types of UCONN 2000 debt which the University and not the State pays. Public Act 14-5 was also signed in May 2014 and eliminated certain UCONN 2000 Act language that limited leasing outside the Storrs Campus.

In July 2013, Governor Malloy signed Public Act 13-233, "An Act Concerning Next Generation Connecticut", which extended the UCONN 2000 program another six years until Fiscal Year 2024; increased the statutory authorizations for the UCONN 2000 bonds secured by the State's debt service commitment by \$1.551 billion for a total of \$4,282,900,000; changed certain Fiscal Year bond authorizations; added a new named project called "Academic and Research Facilities"; and also added the housing language to the "Stamford Campus Improvements/Housing" project.

In July 2011, Governor Malloy signed Public Act 11-75, "An Act Concerning the University of Connecticut Health Center", the Bioscience Connecticut initiative, which increased the statutory authorizations for the UCONN 2000 bonds secured by the State's debt service commitment by \$262,900,000 for a total of \$2,731,900,000; changed certain Fiscal Year bond authorizations; eliminated a prior provision relating to the \$100 million contribution of federal, private or other non-state money; and provided for funding to renovate research laboratory space and create additional business incubator space.

On August 25, 2011, the Governor signed Public Act 11-57 for creation of a world-class Technology Park on the Storrs Campus to serve as a cornerstone for a new Connecticut research triangle. The Technology Park is expected to generate hundreds of new jobs in Connecticut, encourage new business growth, and leverage millions of dollars in federal and private research funding. The Technology Park will link to UConn Health in Farmington, the Connecticut Bioscience Initiative to Yale University in New Haven and others. A total of \$169.5 million of State General Obligation bond funding has been authorized by the State Bond Commission for the Technology Park. On August 26, 2011, the State Bond Commission authorized the first \$18 million of State General Obligation bonding to begin planning and design. On April 26, 2013, the State Bond Commission authorized the release of \$20 million in State General Obligation bonding to cover the purchase of equipment. On May 11, 2015, the State Bond Commission authorized the release of \$131.5 million in State General Obligation bonding to fund the construction of the new facility.

During the October 2011 special session, the General Assembly adopted Public Act 11-2 which established the Connecticut Bioscience Collaboration Program (the "Collaboration") and authorized \$290,685,000 of State General Obligation bonds to be issued over a ten-year period and to be deposited in the Connecticut Bioscience Collaboration Fund. The Collaboration will support the establishment of a bioscience cluster anchored by the Jackson Laboratory for Genomic Medicine located on UCH's Farmington campus.

In Fiscal Year 2002, the General Assembly enacted and the Governor signed into law Public Act 02-3, An Act Concerning 21st Century UConn. This act authorized additional projects for the University and UConn Health for Phase III of UCONN 2000. This act amended Public Act 95-230 and extended the UCONN 2000 financing program.

Public Act 95-230 enabled the University to borrow money in its own name for a special 10-year capital improvement program designed to modernize, rehabilitate, and expand the physical plant of the University. It authorized projects for Phases I and II of UCONN 2000, estimated to cost \$1,250 million, of which \$962 million was financed by bonds of the University secured by the State Debt Service Commitment; \$18 million was funded by State General Obligation Bonds; and the balance of \$270 million was financed by gifts, other revenue, or borrowing resources of the University, including Special Obligation Student Fee Revenue bonds.

General Obligation Bonds

Section 10a-109 of the Connecticut General Statutes empowers the University to issue General Obligation Bonds secured by the State's Debt Service Commitment ("DSC"). These bonds are referred to as "General Obligation Debt Service Commitment Bonds" or "GO-DSC Bonds" throughout the remainder of this report. These bonds are issued pursuant to the General Obligation Master Indenture of Trust, dated as of November 1, 1995, between the University of Connecticut, as Issuer, and Fleet National Bank of Connecticut as Trustee (now U.S. Bank Trust Company, National Association). The University's Board of Trustees on November 10, 1995, and the State Bond Commission on December 21, 1995 approved the Master Indenture of Trust. The Master Indenture was subsequently amended and approved by the University's Board of Trustees on September 26, 2003 and the State Bond Commission on December 19, 2003. The Board of Trustees and the Governor approve the subsequent Supplemental Indenture for each bond issue. The University and the Office of the State Treasurer, working in conjunction, manage the GO-DSC Bond sale process.

General Obligation Bond Issues Completed

As of June 30, 2022, there have been thirty-six GO-DSC Bond issues for the UCONN 2000 program including twenty-four new money and twelve refunding bond issues.

There have been twenty-four new money GO-DSC Bonds issues totaling \$3,511,652,146.50 in par value which, together with original issue premium, funded \$3,804,000,000 of UCONN 2000 projects. The remaining balance, together with accrued interest and net original issue premium, funded the costs of issuance including deposits to the State Treasurer pursuant to the indentures.

Pursuant to Section 10a-109g of the Connecticut General Statutes, the UCONN 2000 GO-DSC Bonds authorized, approved and issued to date are listed below:

GO-DSC Bonds Phase I, II	<u>& III</u>		
Date of Issue	Par Amount	TIC (1)	Bond Issue
February 21, 1996	\$83,929,714.85	4.94%	1996 Series A ⁽²⁾
April 24, 1997	124,392,431.65	5.48%	1997 Series $A^{(2)}$
June 24, 1998	99,520,000.00	4.78%	1998 Series $A^{(2)}$
April 8, 1999 March 29, 2000	79,735,000.00 130,850,000.00	4.46% 5.42%	1999 Series $A^{(2)}$
April 11, 2001	100,000,000.00	3.42 <i>%</i> 4.54%	2000 Series A ⁽²⁾ 2001 Series A ⁽²⁾
April 18, 2002	100,000,000.00	4.74%	2001 Series A 2002 Series $A^{(2)(3)}$
March 26, 2003	96,210,000.00	3.97%	2003 Series $A^{(2)(4)}$
January 22, 2004	97,845,000.00	3.76%	2004 Series A ⁽²⁾⁽⁵⁾
March 16, 2005	98,110,000.00	4.20%	2005 Series A ⁽²⁾⁽⁶⁾
March 15, 2006	77,145,000.00	4.20%	2006 Series A ⁽²⁾⁽⁷⁾
April 12, 2007	89,355,000.00	4.14%	2007 Series $A^{(2)(8)}$
April 16, 2009	144,855,000.00	4.01%	2009 Series A ⁽²⁾⁽⁹⁾
May 25, 2010	97,115,000.00	3.64%	2010 Series A ⁽²⁾⁽¹⁰⁾
December 8, 2011	179,730,000.00	3.31%	2011 Series A ⁽²⁾⁽¹¹⁾
July 31, 2013	172,660,000.00	3.58%	2013 Series A ⁽¹²⁾
April 22, 2014	109,050,000.00	3.37%	2014 Series A ⁽¹³⁾
April 16, 2015	220,165,000.00	3.09%	2015 Series A ⁽¹⁴⁾
April 21, 2016	261,510,000.00	2.76%	2016 Series A ⁽¹⁵⁾
January 19, 2017	311,200,000.00	3.42%	2017 Series A ⁽¹⁶⁾
May 3, 2018	276,075,000.00	3.67%	2018 Series A ⁽¹⁷⁾
May 8, 2019	174,785,000.00	3.05%	2019 Series A ⁽¹⁸⁾
December 17, 2020	160,230,000.00	2.21%	2020 Series A ⁽¹⁹⁾
<u>April 13, 2022</u>	\$227,185,000.00	3.25%	2022 Series A ⁽²⁰⁾
Subtotal Phase I, II & III	\$3,511,652,146.50		
GO-DSC Refunding Bonds			
January 29, 2004	\$216,950,000.00	3.55%	2004 Series A Refunding ⁽²⁾⁽⁵⁾
March 15, 2006	61,020,000.00	4.17%	2006 Series A Refunding ⁽²⁾⁽⁷⁾
April 12, 2007	46,030,000.00	4.22%	2007 Series A Refunding ⁽²⁾⁽⁸⁾
May 25, 2010	36,095,000.00	2.86%	2010 Series A Refunding ⁽²⁾⁽¹⁰⁾
December 8, 2011	31,905,000.00	2.29%	2011 Series A Refunding ⁽²⁾⁽¹¹⁾
July 31, 2013	51,250,000.00	2.71%	2013 Series A Refunding ⁽¹²⁾
April 22, 2014	92,940,000.00	1.41%	2014 Series A Refunding ⁽¹³⁾
April 16, 2015	34,625,000.00	2.15%	2015 Series A Refunding ⁽¹⁴⁾
April 21, 2016	80,425,000.00	1.70%	2016 Series A Refunding ⁽¹⁵⁾
January 19, 2017	33,950,000.00	2.01%	2017 Series A Refunding ⁽²⁾⁽¹⁶⁾
May 8, 2019	64,680,000.00	2.23%	2019 Series A Refunding ⁽¹⁸⁾
December 17, 2020	\$119,085,000.00	0.95%	2020 Series A Refunding ⁽¹⁹⁾
Subtotal Refunding Bonds	\$868,955,000.00		
Total GO-DSC Bonds	\$4,380,607,146.50		

(1) TIC is the true interest cost reflecting the interest rate for the time value of money across an entire bond issue.

- ⁽²⁾ Bonds are no longer outstanding.
- ⁽³⁾ The GO-DSC 2002 Series A Bonds provided \$994,688.03 directly to the Office of the State Treasurer.
- (4) The GO-DSC 2003 Series A Bonds par amount of \$96,210,000 plus \$3,790,000 of the original issue premium totaled \$100,000,000 available for projects.
- (5) The GO-DSC 2004 Series A Bonds new money and GO-DSC Refunding 2004 Series A Bonds were issued under a single Official Statement with a par amount of \$216,950,000. The GO-DSC 2004 new money bonds totaled \$100,000,000 for projects, funded by the

\$97,845,000 par amount plus \$2,155,000 of the original issue premium; and the GO-DSC Refunding 2004 Series A Bonds provided \$223,160,000 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.

- (6) The GO-DSC 2005 Series A Bonds totaled \$100,000,000 available for projects funded by the \$98,110,000 par amount plus \$1,890,000 of the original issue premium. Phase II authorizations accounted for \$50 million and Phase III for \$50 million.
- (7) The GO-DSC 2006 Series A Bonds new money and GO-DSC Refunding 2006 Series A Bonds were issued under a single Official Statement with a par amount of \$138,165,000. The GO-DSC 2006 Series A Bonds new money totaled \$79,000,000 available for projects, funded by the \$77,145,000 par amount plus \$1,835,000 of the original issue premium, and the GO-DSC Refunding 2006 Series A Bonds provided \$65,472,900 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.
- (8) The GO-DSC 2007 Series A Bonds new money and GO-DSC Refunding 2007 Series A Bonds were issued under a single Official Statement with a par amount of \$135,385,000. The GO-DSC 2007 Series A Bonds new money totaled \$89,000,000 available for projects, and the GO-DSC Refunding 2007 Series A Bonds provided \$49,505,476.89 for a refunding escrow. Additional proceeds, including premium, funded the refunding escrow and the costs of issuance.
- ⁽⁹⁾ The GO-DSC 2009 Series A Bonds par amount of \$144,855,000 plus \$5,145,000 of the original issue premium totaled \$150,000,000 available for projects.
- ⁽¹⁰⁾ The GO-DSC 2010 Series A Bonds new money and GO-DSC Refunding 2010 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$133,210,000. The GO-DSC 2010 Series A Bonds new money par amount of \$97,115,000 plus \$7,885,000 of the original issue premium totaled \$105,000,000 available for projects; and the GO-DSC Refunding 2010 Series A Bonds par amount of \$36,095,000 plus \$2,609,428.69 of the original issue premium provided \$38,704,428.69 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.

⁽¹¹⁾ The GO-DSC 2011 Series A Bonds new money and GO-DSC funding 2011 Series A

Bonds were issued under a single Official Statement with a combined par amount of

\$211,635,000. The GO-DSC 2011 Series A Bonds new money par amount of \$179,730,000 plus \$20,700,000 of the original issue premium totaled \$200,000,000 available for projects; and the GO-DSC Refunding 2011 Series A Bonds par amount of \$31,905,000 plus \$4,936,565.62 of the original issue premium provided 36,841,565.62 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.

- (13) The GO-DSC 2013 Series A Bonds new money and GO-DSC Refunding 2013 Series A Bonds were issued under a single Official Statement with a combined par amount of \$223,910,000. The GO-DSC 2013 Series A Bonds new money par amount of \$172,660,000 plus \$16,340,000 of the original issue premium totaled \$189,000,000 available for projects; and the GO-DSC Refunding 2013 Series A Bonds par amount of \$51,250,000 plus \$6,978,911.08 of the original issue premium provided \$58,228,911.08 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.
- ⁽¹³⁾ The GO-DSC 2014 Series A Bonds new money and GO-DSC Refunding 2014 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$201,990,000. The GO-DSC 2014 Series A Bonds new money par amount of \$109,050,000 plus \$10,950,000 of the original issue premium totaled \$120,000,000 available for projects; and the GO-DSC Refunding 2014 Series A Bonds par amount of \$92,940,000 plus \$6,573,683.06 of the original issue premium provided \$99,513,683.06 for the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.

(14) The GO-DSC 2015 Series A Bonds new money and GO-DSC Refunding 2015 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$254,790,000. The GO-DSC 2015 Series A Bonds new money par amount of \$220,165,000 plus \$29,835,000 of the original issue premium totaled \$250,000,000 available for projects; and the GO-DSC Refunding 2015 Series A Bonds par amount of \$34,625,000 plus \$5,654,495.56 of the original issue premium totaled \$40,279,495.56 deposited to the refunding escrow. Additional proceeds, including premium, funded the costs of issuance.

⁽¹⁵⁾ The GO-DSC 2016 Series A Bonds new money and GO-DSC Refunding 2016 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$341,935,000. The GO-DSC 2016 Series A Bonds new money par amount of \$261,510,000 plus \$38,490,000 of the original issue premium totaled \$300,000,000 available for projects; and the GO-DSC Refunding 2016 Series A Bonds par amount of \$80,425,000 plus \$10,056,693.44 of the original issue premium totaled \$90,481,693.44 deposited to the refunding redemption fund and/or escrow. Additional proceeds, including premium, funded the costs of issuance.

⁽¹⁶⁾ The GO-DSC 2017 Series A Bonds new money and GO-DSC Refunding 2017 Series A

Bonds were issued under a single Official Statement with a combined par amount of

\$345,150,000. The GO-DSC 2017 Series A Bonds new money par amount of \$311,200,000 plus \$38,800,000 of the original issue premium totaled \$350,000,000 available for projects; and the GO-DSC Refunding 2017 Series A Bonds par amount of \$33,950,000 plus \$3,010,192.04 of the original issue premium totaled \$36,960,192.04 deposited to the refunding redemption fund and/or escrow. Additional proceeds, including premium, funded the costs of issuance.

⁽¹⁷⁾ The GO-DSC 2018 Series A Bonds were issued with a par amount of \$276,075,000 plus

\$23,925,000 of the original issue premium funded \$300,000,000 for projects. Additional proceeds, including premium, funded the costs of issuance.

(18) The GO-DSC 2019 Series A Bonds new money and GO-DSC Refunding 2019 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$239,465,000. The GO-DSC 2019 Series A Bonds new money par amount of \$174,785,000 plus \$25,215,000 of the original issue premium totaled \$200,000,000 available for projects; and the GO-DSC Refunding 2019 Series A Bonds par amount of \$64,680,000 plus \$8,133,086.38 of the original issue premium totaled \$72,813,086.38 deposited to the trustee bank redemption fund which was immediately used to call and refund all of the outstanding \$72,060,000 DSC 2009 bonds and pay the accrued interest on the same. Additional premium proceeds funded the costs of issuance.

⁽¹⁹⁾ The GO-DSC 2020 Series A Bonds new money and GO-DSC Refunding 2020 Series A Bonds were issued under a single Official Statement with a combined par amount of

\$279,315,000. The GO-DSC 2020 Series A Bonds new money par amount of \$160,230,000 plus \$39,770,000 of the original issue premium funded \$200,000,000 for projects; and the GO-DSC Refunding 2020 Series A Bonds par amount of \$119,085,000 plus \$22,298,769.83 of the original issue premium totaled \$141,383,769.83 deposited to the trustee bank redemption fund which was used to refund \$138,340,000.00 of principal of outstanding bonds as follows: on December 17, 2020 to call and refund \$43,695,000.00 of certain maturities of the GO-DSC 2010 bonds principal outstanding plus \$724,583.42 of accrued interest for a total of \$44,419,583.42; and on February 15, 2021 to call and refund \$89,850,000.00 of the GO-DSC 2011 new money bonds principal outstanding plus \$2,208,875.00 accrued interest for a total of \$92,058,875.00; and to call and refund \$4,795,000.00 of the GO-DSC 2011 Refunding bonds Principal outstanding, plus \$119,875.00 of accrued interest for a total of \$4,914,875.00. Additional premium proceeds funded the costs of issuance.

(20) The GO-DSC 2022 Series A Bonds were issued with a par amount of \$227,185,000 plus \$32,815,000 of the original issue premium funded \$260,000,000 for projects. Additional premium proceeds funded the costs of issuance.

General Obligation Bonds – Projects

During Fiscal Year 2005, the University finished Phase I and Phase II and initiated Phase III of the UCONN 2000 project authorizations secured by the State's DSC. As of June 30, 2022, the UCONN 2000 act provides for a total of \$4,307,900,000 of UCONN 2000 bonds secured by the State's DSC. As of June 30, 2022, the following projects totaling \$4,019,100,000 have been authorized to receive GO-DSC Bond proceeds by both the Governor and the Board of Trustees:

Agricultural Biotechnology Facility Completion\$3,000,000.00Agricultural Biotechnology Facility9,400,000.00Alumni Quadrant Renovations11,183,623.91Avery Point Marine Science Research Center-Phase II7,254,246.03Avery Point Marine Science Research Center-Phase II7,254,246.03Avery Point Renovation4,875,717.46Benton State Art Museum Addition700,000.00Business School Renovation7,958,470.42Central Warehouse New6,933,751.77Chemistry Building53,062,000.00Deferred Maintenance & Renovation Lump Sum40,798,259.65Deferred Maintenance & Renovation Lump Sum Balance117,386,096.72East Campus North Renovations7,382,604.53Equipment, Library Collections & Telecommunications60,500,000.00Equipment, Library Collections & Telecommunications9,664,596.69Grad Dorm Renovations2,928,227.59Heating Plant Upgrade9,969,000.00Hiltrop Dormitory Renovation3,280,000.00Litchfield Agricultural Center-Phase I1,000,000.00Music Drama Conversion/(a.k.a. Museum of Natural History)886,134.00Litchfield Apartments Renovation2,071,000.00Music Drama Addition *7,400,000.00North Superblock Site & Utilities7,668,000.00North Superblock Site & Utilities7,668,000.00North Superblock Site & Utilities7,668,000.00Northwest Quadrant Renovation-Phase I30,000,000.00Northwest Quadrant Renovation-Phase I30,000,000.00Northwest Quadrant Renovatio
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School of Business 25,652,366.00
School of Pharmacy 88,609,000.00
Shippee/Buckley Renovations6,920,000.00
South Campus Complex 12,251,000.00
Stamford Downtown Relocation-Phase I 55,781,471.55
Student Union Addition 44,622,633.00
Technology Quadrant-Phase IA39,993,000.00
Technology Quadrant-Phase II34,120,000.00
Torrey Life Science Renovation251,109.43
Towers Renovation17,950,243.11

Underground Steam & Water Upgrade	6,000,000.00
Underground Steam & Water Upgrade Completion	6,000,000.00
Waring Building Conversion	11,452,000.00
Waterbury Property Purchase	200,000.00
West Campus Renovations	519,507.20
White Building Renovation	2,427,268.80
Wilbur Cross Building Renovation	<u>19,999,571.00</u>
TOTAL PHASE I & II PROJECTS	\$962,000,000.00
* Board of Trustees added Project 2/22/2001	

<u>Authorized</u>

Phase III - Storrs and Regional Campuses

Academic and Research Facilities	\$401,007,429.00
Arjona and Monteith (new classroom buildings)	128,219,870.93
Avery Point Campus Undergraduate and Library Building	10,461,245.77
Avery Point Renovation	8,327,447.54
Beach Hall Renovations	5,146,688.33
Benton State Art Museum Addition	2,903,508.88
Biobehavioral Complex Replacement	3,495,807.00
Bishop Renovation	2,480,140.83
Deferred Maintenance/Code Compliance/ADA Compliance/ Infrastructure	
Improvements & Renovation Lump Sum and	
Utility, Administrative and Support Facilities	814,390,069.08
Engineering Building (with Environmental Research Institute)	92,579,389.76
Equipment, Library Collections & Telecommunications	185,091,656.00
Family Studies (DRM) Renovation	2,868,306.20
Farm Buildings Repairs/Replacement	6,408,304.09
Fine Arts Phase II	40,708,924.00
Floriculture Greenhouse	6,691,798.67
Gant Building Renovations	12,455,770.32
Gentry Completion	9,628,208.95
Hartford Relocation Acquisition/Renovation	139,027,625.42
Heating Plant Upgrade	11,877,724.42
Intramural, Recreational and Intercollegiate Facilities	31,009,920.63
Jorgensen Renovation	3,899,128.58
Koons Hall Renovation/Addition	1,461,146.00
Lakeside Renovation	3,800,000.00
Law School Renovations/Improvements	16,660,677.09
Manchester Hall Renovation	772,577.13
Mansfield Training School Improvements	3,000,000.00
Natural History Museum Completion	500,000.00
North Hillside Road Completion	6,700,000.00
Old Central Warehouse *	126,000.00
Parking Garage #3	75,214.27
Psychology Building Renovation/Addition	24,337,399.00
Residential Life Facilities	160,972,476.01

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School of Pharmacy/Biology Completion	6,000,000.00
Stamford Campus Improvements/Housing	1,500,870.00
Storrs Hall Addition	14,664,091.44
Student Union Addition	13,000,000.00
Support Facility (Architectural and Engineering Services)	16,583.05
Torrey Renovation Completion and Biology Expansion	1,530,373.00
Torrington Campus Improvements	369,156.42
Waterbury Downtown Campus	1,608,764.00
West Hartford Campus Renovations/Improvements	6,774,305.19
Young Building Renovation/Addition	23,651,403.00
Total – Storrs & Regionals Project List	\$2,206,200,000.00
<u>UConn Health</u>	
CLAC Renovation Biosafety Level 3 Lab	\$15,901,465.91
Deferred Maintenance/Code Compliance/ADA Compliance/Infrastructure &	
Improvements Renovation Lump Sum and Utility, Administrative and Support	
Facilities - Health Center	76,959,697.17
Dental School Renovation	3,525,000.00
Equipment, Library Collections and Telecommunications - Health Center	116,429,390.00
Library/Student Computer Center Renovation	1,266,459.97
Main Building Renovation	117,484,315.91
Medical School Academic Building Renovation	39,578,232.00
Planning and Design Costs	25,000,000.00
Research Tower	67,992,229.21
Support Building Addition/Renovation	100,000.00
The University of Connecticut Health Center New Construction and Renovation	386,663,209.83
Total – UConn Health Project List	\$850,900,000.00
TOTAL PHASE III PROJECTS	\$3,057,100,000.00
TOTAL GO-DSC BONDS: PHASE I, II AND III PROJECTS	\$4,019,100,000.00
* The Old Central Warehouse was added by PA 07-108 effective 7-1-2007	

General Obligation Bonds – Refundings

Pursuant to Section 10a-109 of the Connecticut General Statutes, the University may issue refunding securities.

As of June 30, 2022, the University achieved \$93.7 million in cumulative gross debt service savings for Connecticut taxpayers by issuing GO-DSC Refunding Bonds in 2004, 2006, 2007, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2019 and 2020 as detailed below.

On January 29, 2004, the University achieved \$15.2 million in debt service savings for Connecticut taxpayers through the \$216,950,000 of UCONN 2000 GO-DSC Refunding 2004 Series A Bonds. Proceeds pre-refunded \$223,160,000 of the portions of the 1996, 1997, 1998, 2000, 2001 and 2002 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$15,215,582.84 on a gross cash

debt service savings basis or \$10,117,718.77 on a net present value basis (4.53% savings over refunded bonds debt service) spread across Fiscal Years 2004 to 2020.

On March 15, 2006, the University achieved \$4.0 million in debt service savings through the issuance of \$61,020,000 of UCONN 2000 GO-DSC Refunding 2006 Series A Bonds. Proceeds pre-refunded \$61,675,000 of the portions of the 1998, 1999, 2000, 2001 and 2002 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,003,734.09 on a gross cash debt service savings basis or \$2,495,916.47 on a net present value basis (3.94% savings over refunded bonds debt service) spread across Fiscal Years 2006 to 2020.

On April 12, 2007, the University achieved \$1.7 million in debt service savings through the issuance of \$46,030,000 of UCONN 2000 GO-DSC Refunding 2007 Series A Bonds. Proceeds pre-refunded \$46,695,000 of the portions of the 2002 and 2003 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,680,056.23 on a gross cash debt service savings basis or \$1,387,269.87 on a net present value basis (2.97% savings over refunded bonds debt service) spread across Fiscal Years 2008 to 2022.

On May 25, 2010, the University achieved \$1.8 million in debt service savings through the issuance of \$36,095,000 of UCONN 2000 GO-DSC Refunding 2010 Series A Bonds. Proceeds pre-refunded \$35,885,000 of portions of the 1999, 2001, 2003 and 2004 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,791,739.17 on a gross cash debt service savings basis or \$1,470,720.91 on a net present value basis (4.1% savings over refunded bonds debt service) spread across Fiscal Years 2011 to 2021.

On December 8, 2011, the University achieved \$1.9 million in debt service savings through the issuance of \$31,905,000 of UCONN 2000 GO-DSC Refunding 2011 Series A Bonds. Proceeds pre-refunded \$33,735,000 of portions of the 2003 and 2004 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$1,918,938.89 on a gross cash debt service savings basis or \$1,680,287.49 on a net present value basis (5.0% savings over refunded bonds debt service) spread across Fiscal Years 2011 to 2021.

On July 31, 2013, the University achieved \$4.8 million in debt service savings through the issuance of \$51,250,000 of UCONN 2000 GO-DSC Refunding 2013 Series A Bonds. Proceeds prerefunded \$54,375,000 of portions of the 2004 and 2005 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,768,953.75 on a gross cash debt service savings basis or \$3,982,216.07 on a net present value basis (7.3% savings over refunded bonds debt service) spread across Fiscal Years 2014 to 2024.

On April 22, 2014, the University achieved \$8.5 million in debt service savings through the issuance of \$92,940,000 of UCONN 2000 GO-DSC Refunding 2014 Series A Bonds. Proceeds refunded \$97,930,000 of portions of the 2004 and 2005 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$8,491,280.28 on a gross cash debt service savings basis or \$7,697,944.62 on a net present value basis (7.9% savings over refunded bonds debt service) spread across Fiscal Years 2015 to 2025.

On April 16, 2015, the University achieved \$4.9 million in debt service savings through the issuance of \$34,625,000 of UCONN 2000 GO-DSC Refunding 2015 Series A Bonds. Proceeds refunded \$38,550,000 of certain maturities of the 2006 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$4,944,870.51 on a gross cash debt service savings basis or \$4,281,359.73 on a net present value basis (11.1% savings over refunded bonds debt service) spread across Fiscal Years 2016 to 2026.

On April 21, 2016, the University achieved \$8.5 million in debt service savings through the issuance of \$80,425,000 of UCONN 2000 GO-DSC Refunding 2016 Series A Bonds. Proceeds refunded \$46,535,000 of certain maturities of the 2006 UCONN 2000 GO-DSC Refunding Bonds and pre-refunded \$42,000,000 of certain maturities of the 2007 UCONN 2000 GO-DSC Bonds. Debt service savings amounted to \$8,489,980.00 on a gross cash debt service savings basis or \$7,751,484.82 on a net present value basis (8.8% savings over refunded bonds debt service) spread across Fiscal Years 2017 to 2027.

On January 19, 2017, the University achieved \$3.8 million in debt service savings through the issuance of \$33,950,000 of UCONN 2000 GO-DSC Refunding 2017 Series A Bonds. Proceeds refunded \$36,095,000 of the 2007 UCONN 2000 GO-DSC Refunding Bonds 2018 to 2022 maturities. Debt service savings amounted to \$3,763,591.11 on a gross cash debt service savings basis or \$3,295,890.33 on a net present value basis (9.1% savings over refunded bonds debt service) spread across Fiscal Years 2018 to 2022.

On May 8, 2019, the University achieved \$9.6 million in debt service savings through the issuance of \$64,680,000 of UCONN 2000 GO-DSC Refunding 2019 Series A Bonds. Proceeds refunded \$72,060,000 of the 2009 UCONN 2000 GO-DSC Refunding Bonds 2020 to 2029 maturities. Debt service savings amounted to \$9,567,690.89 on a gross cash debt service savings basis or \$8,110,020.66 on a net present value basis (10.9% over refunded bonds debt service) spread across Fiscal Years 2020 to 2029.

On December 17, 2020, the University achieved \$29.0 million in debt service savings through the issuance of \$119,085,000 (plus original issue premium) of UCONN 2000 GO-DSC Refunding 2020 Series A Bonds. Proceeds refunded \$138,340,000.00 of principal of outstanding bonds as follows: on December 17, 2020 to call and refund \$43,695,000.00 of certain maturities of the GO-DSC 2010 bonds principal outstanding plus \$724,583.42 of accrued interest for a total of \$44,419,583.42; and on February 15, 2021 to call and refund \$89,850,000.00 of the GO-DSC 2011 new money bonds principal outstanding plus \$2,208,875.00 accrued interest for a total of \$92,058,875.00; and to call and refund \$4,795,000.00 of the GO-DSC 2011 Refunding bonds Principal outstanding, plus \$119,875.00 of accrued interest for a total of \$44,914,875.00. Additional premium proceeds funded the costs of issuance. Apart from the 2/15/2021 maturity of the 2011 New Money and Refunding bonds all the outstanding principal was refunded. Debt service savings amounted to \$29,010,290.14 on a gross cash debt service savings basis or \$27,416,150.18 on a net present value basis (19.81% over refunded bonds debt service) spread across Fiscal Years 2021 to 2031

Special Obligation Student Fee Revenue Bonds

UCONN 2000 also authorizes the University to issue Special Obligation Revenue bonds. Unlike the UCONN 2000 GO-DSC Bonds that are paid from the State's General Fund, debt on the Special Obligation Bonds is paid from certain pledged revenues of the University as defined in the particular bond series indenture.

A Special Capital Reserve Fund may be established for UCONN 2000 Special Obligation bond issues only if the Board of Trustees determines that the Special Obligation bond issue is self-sufficient as defined in the Act. The self-sufficiency finding by the University must be submitted to and confirmed as not unreasonable or arbitrary by the State Treasurer prior to issuance of the bonds. Once approved, the Special Capital Reserve Fund is funded at issuance by the University to meet the minimum capital reserve requirement.

Special Obligation Student Fee Revenue Bond Issues Completed

The UCONN 2000 Special Obligation Student Fee Revenue Bonds ("SO-SFR Bonds") authorized, approved and issued to date are listed below.

SO-SFR Bonds have been issued pursuant to the Special Obligation Indenture of Trust, dated as of January 1, 1997, between the University as Issuer and U.S. Bank Trust Company, National Association as successor to State Street Bank & Trust as Trustee ("the Special Obligation Master Indenture"). The Board of Trustees approved the Special Obligation Master Indenture on November 8, 1996. The Board of Trustees and the Governor approve the subsequent Supplemental Indentures for each Special Obligation bond issue.

There have been seven bond issues, including three refundings, pursuant to the Special Obligation Master Indenture that, as mentioned above, are not secured by the State's DSC. The University and the Office of the State Treasurer, working in conjunction, manage the Special Obligation bond sale process. UCONN 2000 SO-SFR Bonds issued to date are summarized below:

Date of Issue	<u>Par Amount</u>	TIC ⁽¹⁾	Bond Issue
February 4, 1998	\$33,560,000	5.08%	1998 Series A ⁽²⁾
June 1, 2000	\$89,570,000	6.02%	2000 Series A ⁽²⁾
February 14, 2002	\$75,430,000	4.94%	2002 Series A ⁽²⁾
March 29, 2018	\$141,725,000	4.06%	2018 Series A
February 27, 2002	\$96,130,000	4.89%	Refunding 2002 Series A ⁽²⁾
June 16, 2010	\$47,545,000	3.14%	Refunding 2010 Series A ⁽²⁾
December 13, 2012	\$87,980,000	2.47%	Refunding 2012 Series A

UCONN 2000 SO-SFR Bonds

⁽¹⁾ TIC is the true interest cost reflecting the interest rate for the time value of money across an entire bond issue. The UCONN 2000 SO-SFR Bonds are generally issued for an approximate 30-year final maturity, compared to a 20-year final maturity for the GO-DSC Bonds; hence the TIC may appear relatively higher for SO-SFR Bonds.

⁽²⁾ Bonds are no longer outstanding

On February 4, 1998, the University issued \$33,560,000 of UCONN 2000 Student Fee Revenue 1998 Series A Bonds with a final maturity of November 15, 2027. The Special Obligation First Supplemental Indenture was also dated January 1, 1997 and authorized the issuance of bonds up to a principal amount not to exceed \$30,000,000 for construction of the South Campus Residence and Dining Hall, plus amounts necessary to fund a Special Capital Reserve Fund ("SCRF") and provide for costs of issuance. The University managed the issuance and sale of these bonds and realized a favorable true interest cost over the term. Debt service for these bonds is paid from pledged revenues as further defined in the Indenture of Trust. Such pledged revenues also help support future operation and maintenance costs for facilities built or renovated through UCONN 2000.

On June 1, 2000, the University issued \$89,570,000 of the UCONN 2000 Student Fee Revenue 2000 Series A Bonds pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Second Supplemental Indenture dated as of May 1, 2000. Bond proceeds funded \$87,000,000 of construction for the Hilltop Dormitory, Hilltop Student Rental Apartments, and Parking Garage South. They also provided for capitalized interest and costs of issuance. The \$89,570,000 Student Fee Revenue 2000 Series A Bonds were defeased in substance on February 27, 2002, as further described below, and are no longer reflected as outstanding debt on the University's financial statements.

On February 14, 2002, the University issued \$75,430,000 of the UCONN 2000 Student Fee Revenue 2002 Series A Bonds pursuant to the Special Obligation Master Indenture and the SO- SFR Bonds Fourth Supplemental Indenture dated as of November 16, 2001. Bond proceeds funded \$72,180,000 of construction for the Alumni Quadrant Renovations, Shippee/Buckley Renovations, East Campus North Renovations, Towers Renovations (including Greek Housing), and North Campus Renovations (including North Campus Student Suites and Apartments).

On March 29, 2018, the University issued \$141,725,000 of the UCONN 2000 Student Fee Revenue 2018 Series A Bonds pursuant to the Special Obligation Master Indenture and the SO- SFR Bonds Fifth Supplemental Indenture dated as of November 21, 2017. Bond proceeds funded \$152,000,000 of construction for the UCONN 2000 Project Intramural, Recreational and Intercollegiate Facilities including a new Student Recreation Center, associated infrastructure, and Stadia. They also funded capitalized interest and costs of issuance.

Special Obligation Student Fee Revenue Bonds - Projects

To date, ten projects have been authorized to receive \$374,180,000 of the UCONN 2000 SO-SFR Bond proceeds of which \$341,180,000 were issued (some of these projects were also supported by GO-DSC or other funding) as follows:

Phase I & II	Authorized & Issued
Alumni Quadrant Renovations	7,000,000.00
East Campus North Renovations	1,000,000.00
Hilltop Dormitory New	21,000,000.00
Hilltop Student Rental Apartments	42,000,000.00
North Campus Renovation	45,000,000.00
(including North Campus Student Suites and Apartments)	
Parking Garage-South	24,000,000.00
Shippee/Buckley Renovations	5,000,000.00
South Campus Complex	30,000,000.00
Towers Renovations (including Greek Housing)	14,180,000.00
TOTAL SO-SFR BONDS: PHASE I AND II PROJECTS	\$189,180,000.00
<u>Phase III</u>	Authorized SFR 2018*
Intramural, Recreational and Intercollegiate Facilities Authorized	185,000,000.00
Intramural, Recreational and Intercollegiate Facilities Not Issued	(33,000,000.00)
TOTAL SO-SFR PHASE III BONDS AUTHORIZED & ISSUED	\$152,000,000.00

*Although the SO-SFR Fifth Supplemental Indenture authorized \$185 million only \$152 million was issued by the SO-SFR 2018A bonds. The remaining \$33 million is not yet issued as of 6/30/2022 and not available to be spent.

<u>Phase I, II & III</u>	Authorized & Issued
TOTAL SO-SFR BONDS AUTHORIZED	\$374,180,000.00
TOTAL SO-SFR BONDS NOT ISSUED	(\$33,000,000.00)
TOTAL SO-SFR BONDS AUTHORIZED & ISSUED	\$341,180,000.00

Special Obligation Student Fee Revenue Bonds - Calls and Refundings

Pursuant to Section 10a-109 of the Connecticut General Statutes, the University may issue refunding securities. The University achieved a total of \$47.6 million in gross debt service savings for Connecticut taxpayers by issuing four series of SO-SFR Refunding Bonds as follows.

On February 27, 2002, the University achieved debt service savings of \$3,553,672 on a gross cash debt service savings basis or \$2,383,106 on a net present value basis (3.036% savings over refunded bonds debt service) through its issuance of \$96,130,000 of the UCONN 2000 Student Fee Revenue Refunding 2002 Series A Bonds. The bonds were issued pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Third Supplemental Indenture, dated as of February 1, 2002. Proceeds were used to take advantage of favorable market conditions to advance refund and defease in substance all the \$89,570,000 of Student Fee Revenue 2000 Series A Bonds outstanding. Proceeds were deposited with the Trustee bank in an irrevocable escrow fund sufficient to satisfy future debt service and call premiums on the prior issue.

On June 16, 2010, the University achieved debt service savings of \$9,479,927 on a gross cash debt service savings basis or \$7,211,753 on a net present value basis (9.915% savings over refunded bonds debt service) (including the free up of \$2,126,425 of SCRF amounts), through its issuance of \$47,545,000 of the UCONN 2000 Student Fee Revenue Refunding 2010 Series A Bonds. The bonds were issued pursuant to the Special Obligation Master Indenture and the SO-SFR Bonds Third Supplemental Indenture, dated as of February 1, 2002. Proceeds were used to take advantage of favorable market conditions to refund, advance refund and defease in substance \$51,305,000 of prior bonds (including \$25,140,000 of the Student Fee Revenue 1998 Series A Bonds and \$26,165,000 of the Student Fee Revenue 2002 Series A Bonds outstanding). The par amount of \$47,545,000 plus \$4,267,926 of the original issue premium and \$2,126,425 from the 1998 Special Capital Reserve Fund release were deposited with the Trustee bank in a \$53,939,351.28 irrevocable escrow fund to satisfy future debt service and call premiums on the prior issues.

On December 13, 2012 the University achieved debt service savings of \$31,861,282.50 on a gross cash debt service savings basis or \$26,701,078.58 on a net present value basis (25.2% savings over refunded bonds debt service) spanning Fiscal Years 2013 thru 2030 by issuing \$87,980,000 of the UCONN 2000 Student Fee Revenue Refunding 2012 Series A Bonds. We achieved a stunning Total Net Present Value Savings of \$26,701,078.58 or 25.2% of the refunded principal. Working in conjunction with the Office of the State Treasurer, the University negotiated a remarkable all in True Interest Cost of 2.48 % which is the lowest interest rate for a single bond issue in the history of the program. We refunded \$106,030,000 of prior bonds including \$32,430,000 of the SO-SFR 2002 A new money bonds (all the outstanding), and \$73,600,000 of the SO-SFR Refunding 2002 A bonds (all the outstanding). The par amount of \$87,980,000 plus \$19,690,291.67 of the original issue premium were deposited with the Trustee bank in a \$107,670,291.67 irrevocable escrow fund to satisfy future debt service and call premiums on the prior issues. The bonds were issued pursuant to the Special Obligation Master Indenture and the Special Obligation Student Fee Revenue Bonds Third Supplemental Indenture, dated as of February 1, 2002.

On November 15, 2019 the University achieved debt service savings of \$2,683,550 by calling and retiring at face value the outstanding principal of \$16,745,000 of Special Obligation Student Fee Revenue 2010 Refunding bonds on their call date of November 15, 2019, from available pledged revenues. Interest payments on the outstanding debt have an average coupon of 4.6% per year. Calling and retiring the \$16,745,000 principal eliminates the \$2,683,550 of scheduled interest payments, providing a 16% return on this transaction. The University pledged had been invested in the State Short Term Investment Fund which yields vary daily, but which averaged only 0.72% over the eight years prior to the call. The benefit of calling and retiring the \$16,745,000 bond principal eight years early minus the cost of earning an average of 0.72% per year results in a return of 9.66% in net present value savings of \$1,617,919 (9.66% of refunded par) in favor of retiring the bonds. Accordingly, the Board of Trustees approved the transaction on October 23, 2019, and University pledged revenues were wired to the Trustee bank's dedicated redemption account, pursuant to the indentures, sufficient to call and retire the outstanding \$16,745,000 SO-SFR REF 2010 principal at par on the day of the call. The original SO-SFR REF 2010-A Bonds refunded all the outstanding SO-SFR 1998-A Bonds and part of the 2002-A Bonds as further described above.

<u>UCONN 2000 Heating Plant Upgrade Tax-Exempt Governmental Lease Purchase Agreement</u> for the Cogeneration Facility

Pursuant to Section 10a-109 of the Connecticut General Statutes, the University may issue other UCONN 2000 securities pursuant to other financing documents. The Board of Trustees authorized \$81,900,000 of UCONN 2000 debt in the form of a Heating Plant Upgrade Tax-Exempt Governmental Lease Purchase Agreement ("Heating Plant Upgrade GLPA") secured by the University's general obligation for the Cogeneration facility portion of the UCONN 2000 Heating Plant Upgrade project on the Storrs Campus.

This \$81,900,000 of UCONN 2000 debt was not issued under the UCONN 2000 General Obligation or Special Obligation Indentures of Trust but was entered into under certain separately negotiated documents and agreements in two parts. On December 18, 2003, the University entered a privately placed \$75,000,000 Heating Plant Upgrade GLPA with a reported nominal interest rate of 4.42% compounded monthly to finance the design and construction of a combined heat and power plant. On August 15, 2005, the University amended the agreement for an additional Heating Plant Upgrade GLPA of \$6,900,000 at a 5.09% interest rate compounded monthly (resulting in a combined interest rate of approximately 4.5%).

The Heating Plant Upgrade is a UCONN 2000 Act listed project and the funding, in addition to the \$81.9 million, has also included GO-DSC proceeds. The cogeneration facility is a linchpin of the University's commitment to energy efficiency and generates much of the needs for electrical power, heating and cooling on the Storrs campus. Cost avoidance achieved through the construction and operation of the facility is expected to provide funds to pay the debt service.

The Heating Plant Upgrade GLPA is not rated by the credit rating agencies however, as UCONN 2000 debt it is considered in their credit rating analysis of the UCONN 2000 General Obligation and Special Obligation programs.

UCONN 2000 Heating Plant Upgrade GLPA- Refundings

Pursuant to the financing documents the University twice renegotiated the interest rate on the original financings of the Heating Plant Upgrade GLPAs and achieved a total of \$7.4 million in gross debt service savings (\$5.0 million net present value) for Connecticut taxpayers through two separate transactions.

During July 2013, the University achieved gross debt service savings of \$5.2 million by negotiating a lower interest rate amendment to the UCONN 2000 Heating Plant Upgrade-Cogeneration Facility Tax-Exempt Governmental Lease Purchase Agreement. The interest rate was lowered, effective in the August 29, 2013 monthly payment, from 4.42% on the original \$75 million loan, and 5.09% on the original \$6.9 million loan, to 3.22% on both. The combined remaining balance of the loans was approximately \$59 million. The amendment achieved combined gross nominal debt service savings of \$5,168,392.06 million or \$3,238,326.69 (4.2%) on a net present value basis over the remaining 12 years and 5 months of the original financing.

During November 2016 the University achieved gross debt service savings of \$2.2 million by negotiating another lower interest rate amendment to the UCONN 2000 Heating Plant Upgrade-Cogeneration Facility Tax-Exempt Governmental Lease Purchase Agreement. The interest rate

was lowered a full 100 basis points to 2.22% from 3.22% on the outstanding \$45.1 million balance for a debt service nominal savings of \$2,246,699.46 or present value savings of \$1,758,933.37 (3.9% as a percentage of par) over the remaining term. Monthly debt service payments which UConn pays for out of its own resources were reduced by \$20,802.76 or about \$249,633.06 a year. The new rate was effective from January 2017 to the original term of the loan ending on 12/29/2025 (approximately nine years).

UCONN 2000 Residential Life Facilities – Nathan Hale Inn Promissory Taxable Note On December 1, 2016, the UCONN 2000 Residential Life Facilities – Nathan Hale Inn Promissory Taxable Note was fully paid off and retired.

<u>Background</u>: On April 29, 2015, the Board of Trustees authorized \$5,500,000 of UCONN 2000 debt in the form of a taxable Promissory Note secured by the University's general obligation for that portion of the UCONN 2000 Residential Life Facilities project used to purchase the Nathan Hale Inn on the Storrs Campus. The Governor approved the financing on May 19, 2015.

On July 1, 2015, the University entered with Webster Bank a privately placed \$5,376,712.73 principal amount at a 6.84% interest rate known as "UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable)" which was secured by the general obligation of the University with an approximate 18-month maturity (August 1, 2015 to December 1, 2016). The note's debt service payments are \$44,989.20 monthly with a balloon payment due on December 1, 2016. The UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) was issued pursuant to certain separately negotiated (by the University with Webster Bank) documents and agreements. UCONN 2000 bond counsel reviewed the process. The note was not issued pursuant to the UCONN 2000 General Obligation or Special Obligation Indentures of Trust.

UCONN 2000 DEBT SERVICE

Pursuant to Section 10a-109x of the Connecticut General Statutes, the Semiannual Report to the General Assembly is to list the payment of debt service requirements and the payment of principal and interest on the UCONN 2000 securities.

DEBT SERVICE: General Obligation Debt Service Commitment Bonds

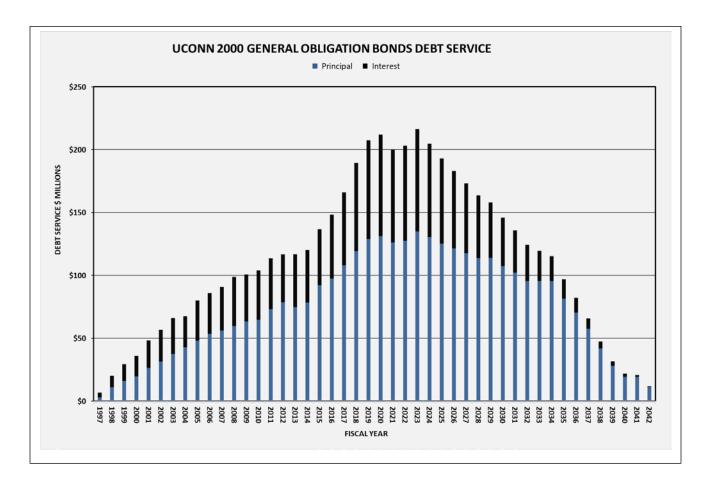
The State General Fund pays the debt service and any arbitrage rebate due on the University's GO-DSC Bonds.

As of June 30, 2022:

- Since the program's inception in 1996, total GO-DSC debt service (which is paid by the state) amounted to \$5,131.1 million, representing \$3,453.6 million of principal and \$1,677.5 million of interest (including the Refunding Bonds but net of refunded debt).
- Of this amount, debt service of \$2,821.0 million, representing \$1,770.2 million of principal and \$1,050.8 million of interest (including capital appreciation bonds) has been paid.
- Future debt service requirements amount to \$2,310.0 million, representing \$1,683.4 million of principal and \$626.7 million of interest (including capital appreciation bonds).

For the Fiscal Year ending June 30, 2022, the GO-DSC bonds debt service paid was \$203.1 million, representing \$127.5 million of principal and \$75.6 million of interest.

As of June 30, 2022, the following graph shows UCONN 2000 GO-DSC debt service by Fiscal Year including refunding issues, but net of refunded.



DEBT SERVICE: Special Obligation Student Fee Revenue Bonds

The University is responsible for paying the debt service and any arbitrage rebate due on its Special Obligation debt. All other things equal, the Special Obligation bonds incur proportionally more interest expense because they are generally issued for terms of up to approximately thirty years compared to twenty years for the GO-DSC Bonds. The longer term of the bonds (up to 30 years) generally reflects the long-term debt cost of the assets financed by the bonds being spread more evenly over the annual benefits received by the student populations utilizing the assets.

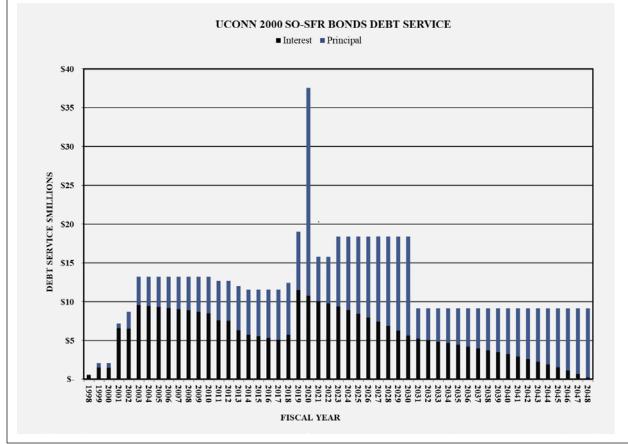
As of June 30, 2022 (comprising the outstanding SO-SFR 2018 New Money and the Refunding 2012 Series A Bonds, all previous SO-SFR bonds have been retired):

- Total UCONN 2000 SO-SFR debt service (which is paid by the University) amounted to \$622.3 million, representing \$325.0 million of principal and \$297.3 million of interest.
- Of this amount, the University had paid debt service of \$310.4 million representing

\$130.1 million of principal and \$180.3 million of interest.

• Debt service remaining totals \$311.9 million comprising \$194.9 million of principal and \$117.0 million of interest (including capital appreciation bonds).

As of June 30, 2022, the graph below shows the SO-SFR debt service paid using UConn's own funds.



* Fiscal Year 2020 debt service includes a voluntary early call and defeasement of the SO-SFR 2010 bonds of \$16,745,000 in outstanding principal to provide future debt service savings.

DEBT SERVICE: UCONN 2000 Heating Plant Upgrade GLPA

The University is responsible for paying the debt service for the Heating Plant Upgrade GLPA. Originally, there were two financing tranches providing a total of \$81,900,000 of funding for the UCONN 2000 Heating Plant Upgrade the Storrs Campus cogeneration facility for the project on the Storrs Campus. Heating Plant Upgrade GLPA debt service payments commenced on January 29, 2006.

Originally, debt service was to be paid in 240 monthly installments of approximately \$517,135 (which over the life of the financing would have totaled \$124,112,424 comprising \$42,212,424 of interest and \$81,900,000 of principal).

During July 2013, the University negotiated and amended the agreement to the lower rate of 3.22% providing for the (at that time) remaining 149 monthly installments to be lowered to approximately \$482,448, which over the life of the financing, totals to debt service of \$118,944,031 comprising \$37,044,031 of interest and \$81,900,000 of principal.

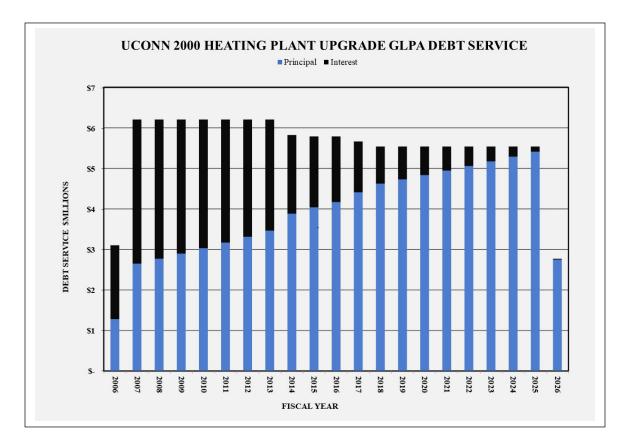
During November 2016, the University renegotiated and amended the agreement to a lower interest rate of 2.22% providing for the remaining 79 monthly installments to be lowered to approximately \$461,645.13 effective January 29, 2017. Following this amendment over the life of the financing total debt service now totals \$116,697,331.91 comprising \$34,797,331.91 of interest and \$81,900,000.00 of principal.

As of June 30, 2022:

- Total UCONN 2000 Heating Plant Upgrade GLPA debt service (which is paid for by the University) amounted to \$116.7 million representing \$81.9 million of principal and \$34.8 million of interest, (post both refinancings to lower rates).
- The University had paid down the Heating Plant Upgrade GLPA debt service by \$97.3 million representing \$63.3 million of principal and \$34.0 million of interest.
- Remaining debt service amounts to \$19.4 million representing \$18.6 million of principal and \$0.8 million of interest.

For the Fiscal Year ending June 30, 2022, the University paid from its own resources Heating Plant Upgrade GLPA debt service of \$5.5 million (representing \$5.0 million of principal and \$0.5 million of interest).

As of June 30, 2022, the below graph shows the UCONN 2000 Heating Plant Upgrade GLPA (for the cogeneration plant) debt service by Fiscal Year.



<u>DEBT SERVICE: UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note</u> (Taxable)

The UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) was retired on December 1, 2016. Over the eighteen-month term, the University paid total debt service of \$5.9 million representing \$5.4 million of principal and \$0.5 million of interest.

Investment of Debt Proceeds - Management, Investment and Earnings

The proceeds of the sale by the University of any bonds are part of the Trust Estate established under the General Obligation Master Indenture of Trust with the Trustee Bank as security for bondholders. Consequently, the University holds all of the bond proceeds at the Trustee Bank, with this exception: the Costs of Issuance account funded by the University's GO-DSC Bonds may be held and invested by the State Treasurer's Office in a segregated account from which the Treasurer pays debt service to the Trustee Bank. The Special Obligation Master Indenture Trust Estate provisions includes all of the Trustee Bank Special Obligation bond proceeds received at issuance including the Costs of Issuance account, plus the periodically funded debt service fund, and the Renewal and Replacement Fund which was not funded with tax-exempt bond proceeds. The University directs the Trustee to invest and disburse these accounts.

Prior to June 1998, all UCONN 2000 GO-DSC Bond proceeds were deposited with the Office of the State Treasurer and treated like state bond proceeds, including payments made to vendors through the Office of the State Comptroller. Subsequently, the Office of the Attorney General opined that the University, and not the State, issues UCONN 2000 bonds. Accordingly, upon advice of bond counsel and in conformity with the Master Indenture of Trust, GO-DSC Bond construction fund proceeds were deposited to the Trustee Bank and disbursed as directed by the University pursuant to the Indenture. The UCONN 2000 GO-DSC Bond proceeds for costs of issuance are still treated like State bond proceeds and deposited with the Office of the State Treasurer and disbursed through the Office of the State Comptroller.

The Indentures of Trust provide that the University is authorized and directed to order each disbursement from the Construction Account held by the Trustee upon a certification filed with the Trustee bank and, in the case of the DSC bonds, the State Treasurer. The Indentures provide that such certification shall be signed by an Authorized Officer of the University and include certain disbursement information. Once the Authorized Officer certification filings are made, the University can directly disburse payments.

The investment of tax-exempt debt proceeds is heavily regulated by the Internal Revenue Service, the relevant Indentures of Trust with bondholders, Connecticut law, and other regulatory restrictions. In addition to meeting those requirements, the University's general investment policy is to balance an appropriate risk-return level, heavily weighted towards safety of assets, with estimated cash flow needs and liquidity requirements. The University is also mindful that the rating agencies, bond buyers, and bond insurers often weigh the quality of an issuer's investment portfolio.

Bond proceeds form part of the Trust Estate established with the Trustee Bank as security for bondholders. To date, the University has directed the Trustee Bank to invest any DSC construction fund proceeds in the State Treasurer's Short Term Investment Fund ("STIF") which is "AAAm"

rated by Standard and Poor's and offers daily liquidity and historically attractive risk-adjusted yields. The State Treasurer's Office wishes to hold and invest the University's GO-DSC funded Costs of Issuance account, a much smaller account.

The GO-DSC Refunding, 2004, 2006, 2007, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2019 and 2020 Series A Bond proceeds, other than the costs of issuance, were deposited with the Trustee Bank to immediately redeem bonds or invest in irrevocable escrow funds, which are invested in U.S. Treasury Securities and/or U.S. Treasury State and Local Government Securities ("SLGS") and cash pursuant to the indenture and respective Escrow Agreements.

It has been the University's practice to invest all of the Special Obligation new money bond proceeds, including the debt service funds, in dedicated STIF accounts, with the exception of the 1998 Special Obligation Special Capital Reserve Fund which at times had also been invested in longer term highly rated federal agencies' fixed income Investment Obligations as defined in the Special Obligation Indenture of Trust.

The SO-SFR Refunding 2002, 2010 and 2012 Series A Bond proceeds, other than the costs of issuance and debt service accounts that were invested in STIF, were deposited with the Trustee Bank in their respective irrevocable Escrow Accounts, which were invested in SLGS, and cash pursuant to the Escrow Agreement.

The University's GO-DSC Bond proceeds investment earnings are retained and accounted for by the State Treasurer's Office and do not flow to the University or to the Trustee Bank. The University's Special Obligation bond investment earnings are part of the pledged revenues and are directly retained by the Trustee Bank to pay debt service on the bonds and may also be used to flow to other Trustee bond accounts, if necessary, pursuant to the Indenture of Trust.

Fiscal Year end June 30, 2022, UCONN 2000 SO-SFR Bond funds (not including the refunding escrows and the Renewal & Replacement Fund) investment earnings amounted to \$2,342.58 (cash basis). Additionally, for Fiscal Year end June 30, 2022, the non-bond proceeds Renewal & Replacement Fund held at the Trustee Bank (US Bank, NA) earned \$39,376.91 of investment earnings and were retained in that Trustee Bank account.

Investment earnings on the SO-SFR Bonds Refunding Escrow Accounts flow to their respective irrevocable escrows and are used by the Trustee Bank to meet debt service payments and redeem the defeased bonds. Similarly, investment earnings on the GO-DSC Refunding Escrow Accounts flow to each respective irrevocable escrow and are used by the Trustee Bank to meet debt service payments and redeem the defeased bonds.

On December 29, 2005, the University received \$15,847,241.65 representing the last advance of the \$81,900,000 of funds to the University under the Heating Plant Upgrade GLPA. These funds, and the related investment income, are for uses related to the Cogeneration financing and were deposited in a dedicated STIF account. During December 2006, part of the remaining proceeds, representing the initial December 18, 2003 financing, was yield restricted by investing it in a dedicated Tax-Exempt Proceeds Fund. All the Heating Plant Upgrade GLPA proceeds have been spent.

Future UCONN 2000 Debt Issuance

The University has issued the entire \$962 million of UCONN 2000 Phase I & II authorizations for the GO-DSC bonds.

UCONN 2000 Phase III, as amended, provides for an additional \$3,345,900,000 of funding with GO-DSC bonds. Of this amount, as of June 30, 2022, \$3,057,100,000 of Phase III has been authorized by the Board of Trustees and the Office of the Governor, of which \$215,100,000 is unissued. The total authorization does not include the Twenty-ninth Supplemental Indenture which is pending the Governor's approval as of June 30.

During Fiscal Year 2023 the University tentatively plans to issue new money GO-DSC Bonds, and if conditions warrant a possible GO-DSC refunding bond issue. On June 29, 2022 UConn's Board of Trustees approved a Fiscal Year 2023 capital budget of \$230 million that includes \$125.1 million of GO-DSC bond funds. In future Fiscal Years, the University may issue additional new money GO-DSC bonds as well as refund certain GO-DSC bonds to provide debt service savings to the program, should conditions warrant.

During Fiscal Year 2018 the Board of Trustees and the Office of the Governor approved the Special Obligation Student Fee Revenue Bonds Fifth Supplemental Indenture which authorized \$185,000,000 for the UCONN 2000 Project "Intramural, Recreational and Intercollegiate Facilities" ("IRIF"). Of this authorization \$152,000,000 was used in the SO-SFR 2018 new money bond issue (most of which funded the new Student Recreation Facility on the Storrs Campus and the remainder to stadia and infrastructure), and \$33,000,000 remains unissued as of June 30, 2022. Accordingly, the University could issue bonds with this remaining authorization in the future providing that there is financial self-sufficiency capacity and aggregate pledged revenues sufficient to meet requirements of the Special Obligation Master Indenture. Additionally, should financial market conditions warrant, the University may refund certain outstanding SO-SFR bonds during Fall 2022 to provide debt service savings.

The University could enter other types of tax-exempt or taxable financings pursuant to the UCONN 2000 Act. Market conditions and other factors could also lead to the refunding of other non-public debt in the future.

Credit Ratings

The capital markets have recognized the tangible benefits to the state's economy of meeting the infrastructure and educational goals of the program, as well as the University's success in implementing them. A good credit rating not only provides the state and the University with less expensive access to the capital markets but also supports the state's quality reputation among investors.

As of June 30, 2022, the University's SO-SFR Bonds were rated "A+" by S&P Global and "A1" by Moody's Investors Service. Fitch Ratings does not have an underlying rating for the University's SO-SFR Bonds.

As of June 30, 2022, the University's GO-DSC Bonds were rated "A+" by S&P Global, "Aa3" by Moody's Investors Service, and "A+" by Fitch Ratings.

On April 5, 2019, S&P Global downgraded the University's SO-SFR Bonds to "A+" from "AA-".

On November 12, 2020 Moody's Investors Service downgraded the University's SO-SFR Bonds to "A1" from "Aa3".

On April 5, 2019, S&P Global announced that its credit rating for the outstanding University GO-DSC Bonds was revised to a rating of "A+" from "AA-" following a downgrade of State General Obligation bonds.

On March 31, 2021, Moody's Investors Service upgraded the University's GO-DSC Bonds to "Aa3" from "A1" following an upgrade of the State's General Obligation Bonds to "Aa3" from "A1".

On May 14, 2021, Fitch Ratings upgraded the University's GO-DSC Bonds to "A+" from "A" following an upgrade of the State's General Obligation Bonds to "AA-" from "A+".

In addition to the underlying credit ratings, in the past the University at times would secure certain bond maturities at issuance with municipal bond insurance from FGIC, MBIA and FSA which originally provided "AAA" credit ratings. Subsequently many bond insurers experienced credit rating downgrades and other changes. At times, this has resulted in the UCONN 2000 bonds underlying credit ratings exceeding the credit ratings for certain bond insurers. Additionally, at times investors might utilize bond insurance at their own expense in the secondary market. As a result, people are advised to check with the credit rating agencies for the most recent bond ratings including those that might be so insured.

UCONN 2000 Debt Reflected On Audited Financial Statements

UCONN 2000 financings are debt obligations of the University, as the issuer, and are reflected on UConn's financial statements accordingly. For example, the SO-SFR Bonds, the Heating Plant Upgrade GLPA, and the UCONN 2000 Residential Life Facilities (Nathan Hale Inn) Promissory Note (Taxable) (prior to being paid off and retired by December 1, 2016) debt are shown as liabilities on the University's financial statements and the related capital improvements are shown as assets. The University is the issuer and ultimately responsible for the GO-DSC Bonds which also fund certain assets at UConn Health, and consequently are also partially reflected on UConn Health's financial statements as further discussed below.

Phase III of the Act authorizes the University to fund projects for UConn Health with, among other sources, GO-DSC Bonds and the University has done so. Accordingly, the UCONN 2000 GO-DSC Phase III project proceeds and any unspent debt proceeds are reflected on both UConn's and UConn Health's financial statements. As bonds are issued, the amount of the commitment for UConn Health is recorded as an offset to revenue on UConn's financial statements in the University's Other Changes in Net Position section of the Statement of Revenues, Expenses, and Changes in Net Position. A corresponding liability is recorded in due to affiliate in UConn's Statement of Net Position for the unspent portion of the bonds due to UConn Health. Correspondingly, UConn Health records that portion of UCONN 2000 bond issuance proceeds for UConn Health in the capital appropriation line in UConn Health's Statement of Revenues,

Expenses, and Changes in Net Position. A corresponding receivable is recorded for the unspent portion of the bonds in the Statement on Net Position. The State's DSC for interest on the UCONN 2000 General Obligation bonds is included in Non-Operating Revenues (Expenses) section of the Statement of Revenues, Expenses, and Changes in Net Position.

UCONN 2000: Private Financial Support

For Fiscal Year 2022, the Foundation raised \$115 million in new gifts and commitments, \$37 million designated to endowed accounts and \$78 million to restricted.

- Eversource Energy Service Company \$13.6 to support the Eversource Energy Center
- Anonymous \$13 million to support athletic facilities
- Mr. Peter J. Werth, Jr. '15 \$7.5 million to support the Peter J. Werth Institute
- Good Ventures Foundation \$4.6 million to support the School of Medicine
- Mr. Gregory M. Susla, PHARM '80 \$3 million to support the School of Pharmacy
- Bank of America \$2 million to support the Dodd Center

UCONN 2000 in CYBERSPACE

Information about UCONN 2000 is available on the World Wide Web at: https://evpacfo.uconn.edu/uconn2000reports/

The website contains all previous legislative updates to the Governor and the General Assembly (Progress Reports), the four-year Progress Report, the original UCONN 2000 proposal and UCONN 2000 project updates.

University of Connecticut FY23 Capital Budget Spending Plan Proposed Projects by Statutory Named Lines & by Program*

				By Program			
CONN 2000 Bond Funded Projects by Statutory Named Lines			Total	Academic/	Deferred	Other	
		-		Research	Maintenance	Other	
Gant Science Building Renovations-STEM	32,000,000			32,000,000			
Academic and Research Facilities		\$	32,000,000				
Academic Renovations - PharmBio Backfill	1,000,000			1,000,000			
Mirror Lake & South Campus Infrastucture	23,150,000				23,150,000		
Contingency	2,300,000					2,300,00	
Deferred Maintenance/Code Compliance/ADA							
Compliance/Infrastructure Improvements & Renovation Lump Sum and			26,450,000				
Utility, Administrative and Support Facilities							
Academic & Research	2,858,125			2,858,125			
Information Technology	6,719,375				6,719,375		
Other	2,422,500				1,598,850	823,65	
Equipment, Library Collections & Telecommunications			12,000,000				
Residential Life Facilities			54,650,000			54,650,00	
otal UCONN 2000 Bond Funded Projects		\$	125,100,000	\$ 35,858,125	\$ 31,468,225	\$ 57,773,65	
Other Funded Projects (University, Gifts, State GO Bonds)							
Facilities Repairs & Improvements			10,000,000		10,000,000		
Programmatic Renovations			6,000,000	6,000,000			
Faculty Innovators (State GO Bonds)			11,729,200	11,729,200			
Hockey Arena			34,800,000			34,800,00	
UCH Deferred Maintenance (State GO Bonds)			40,000,000			40,000,00	
Other/Contingency			2,370,800			2,370,80	
otal Other Funded Projects		\$	104,900,000	\$ 17,729,200	\$ 10,000,000	\$ 77,170,80	
Grand Total FY23 Capital Budget		Ś	230,000,000	\$ 53,587,325	\$ 41,468,225	\$ 134,944,45	

UCONN 2000 Bonds State General Obligation Bond Phasing Plan & Actuals by Statutory Named Line

		Authorization	as of 6.30.22*			Actuals as of 5.31.22	
Project	FY96-FY22	FY23	FY24-27	Total Phases I, II, III	Expenditures	Encumbrances	Available**
Academic and Research Facilities	\$401,007,429	\$32,000,000	\$45,697,010	\$478,704,439	\$274,471,102	\$47,530,124	\$111,006,203
Agricultural Biotechnology Facility & Completion	12,400,000			12,400,000	12,400,000		
Alumni Quadrant Renovations	11,183,624			11,183,624	11,183,624		
Arjona and Monteith (new classroom buildings)	128,219,871			128,219,871	128,219,871		
Avery Point Campus Undergraduate & Library Building	10,461,246			10,461,246	10,461,246		
Avery Point Marine Science Research Center - Phase I & II Avery Point Renovation	37,254,246 13,203,165			37,254,246 13,203,165	37,254,246 13,203,165		
Beach Hall Renovations	5,146,688			5,146,688	5,146,688		
Benton State Art Museum Addition	3,603,509			3,603,509	3,603,509		
Biobehavioral Complex Replacement	3,495,807			3,495,807	3,495,807		
Bishop Renovation	2,480,141			2,480,141	2,480,141		
Business School Renovation - Phase II	7,958,470			7,958,470	7,958,470		
Central Warehouse New	6,933,752			6,933,752	6,933,752		
Chemistry Building	53,062,000			53,062,000	53,062,000		
Deferred Maintenance-Storrs & Regionals	974,490,628	26,450,000	37,175,384	1,038,116,012	763,830,159	53,109,287	184,001,182
East Campus North Renovations	7,382,605			7,382,605	7,382,605		
Engineering Building	92,579,390			92,579,390	92,579,390		
Equipment, Library Collections & Telecommunications	351,403,656	12,000,000	37,400,000	400,803,656	329,280,146	4,840,020	29,283,490
Family Studies (DRM) Renovation	2,868,306			2,868,306	2,868,306		
Farm Buildings Repairs/Replacement	6,408,304			6,408,304	6,408,304		
Fine Arts Phase II	38,792,721			38,792,721	38,792,721		0
Floriculture Greenhouse	6,691,799			6,691,799	6,691,799		
Gant Plaza Deck	7,287,174			7,287,174	7,287,174		
Gant Building Renovations	12,455,770			12,455,770	12,455,770		
Gentry Renovation & Completion	19,292,806			19,292,806	19,292,806		
Grad Dorm Renovations	2,928,228			2,928,228	2,928,228		
Hartford Relocation Acquisition/Renovation	139,027,625			139,027,625	139,027,625		
Heating Plant Upgrade	21,846,724			21,846,724	21,846,724		
Hilltop Dormitory Renovations	8,176,529			8,176,529	8,176,529		
Ice Rink Enclosure	3,280,000			3,280,000	3,280,000		
International House Conversion (Natural History Museum)	886,134			886,134	886,134		
Intramural, Recreational & Intercollegiate Facilities	31,009,921			31,009,921	31,009,921		
Jorgensen Renovation	3,899,129			3,899,129	3,899,129		
Koons Hall Renovation/Addition	1,461,146			1,461,146	1,461,146		
Lakeside Renovation	3,800,000			3,800,000	3,800,000	-	
Law School Renovations/Improvements	16,660,677			16,660,677	16,660,677		
Litchfield Agricultural Center - Phase I	1,000,000			1,000,000	1,000,000		
Manchester Hall Renovation	772,577			772,577	772,577		
Mansfield Apartments Renovation	2,071,000			2,071,000	2,071,000	1 442	261 107
Mansfield Training School Improvements Monteith Renovation	6,500,000			6,500,000	6,137,450	1,443	361,107
Music Drama Addition	444,348 7,400,000			444,348 7,400,000	444,348 7,400,000		
Natural History Museum Completion	500,000			500,000	500,000		
North Campus Renovation	10,996,050			10,996,050	10,996,050		
North Hillside Road Completion	6,700,000			6,700,000	6,700,000		
North Superblock Site & Utilities	7,668,000			7,668,000	7,668,000	-	
Northwest Quadrant Renovation - Phase I & II	32,001,000			32,001,000	32,001,000		
Old Central Warehouse Renovation	126,000			126,000	126,000		
Parking Garage North	9,658,000			9,658,000	9,658,000		
Parking Garage #3	75,214			75,214	75,214		
Pedestrian Walkways (Fairfield Road Pedestrian Mall)	6,074,000			6,074,000	6,074,000		
Psychology Building Renovation/Addition	24,337,399			24,337,399	24,337,399		
Residential Life Facilities	160,972,476	54,650,000	43,427,606	259,050,082	141,011,092	5,518,661	69,092,723
School of Business	25,652,366			25,652,366	25,652,366		
School of Pharmacy/Biology	94,609,000			94,609,000	94,428,468		180,532
Shippee/Buckley Renovations	6,920,000			6,920,000	6,920,000		
South Campus Complex	12,251,000			12,251,000	12,251,000		
Stamford Downtown Relocation - Phase I	55,781,472			55,781,472	55,781,472		
Stamford Campus Improvements/Housing	1,500,870			1,500,870	1,500,870		
Storrs Hall Addition	14,664,091			14,664,091	14,664,091		
Student Union Addition	57,622,633			57,622,633	57,622,633		
Support Facility (Architectural & Engineering Services)	16,583			16,583	16,583		
Technology Quadrant - Phase IA	39,993,000			39,993,000	39,993,000		
Technology Quadrant-Phase II	34,120,000			34,120,000	34,120,000		
Torrey Life Science Renovation & Completion	1,781,482			1,781,482	1,781,482		
Torrington Campus Improvements	369,156			369,156	369,156		
Towers Renovation	17,950,243			17,950,243	17,950,243		
Underground Steam & Water Upgrade - Phase I & II	12,000,000			12,000,000	12,000,000		

UCONN 2000 Bonds State General Obligation Bond Phasing Plan & Actuals by Statutory Named Line

		Authorization	as of 6.30.22*			Actuals as of 5.31.22	
Project	FY96-FY22	FY23	FY24-27	Total Phases I, II, III	Expenditures	Encumbrances	Available**
Waring Building Conversion	11,452,000			11,452,000	11,452,000		
Waterbury Property Purchase	200,000			200,000	200,000		
Waterbury Downtown Campus	1,608,764			1,608,764	1,608,764		
West Campus Renovations	519,507			519,507	519,507		
West Hartford Campus Renovations/Improvements	6,774,305			6,774,305	6,774,305		
White Building Renovation	2,427,269			2,427,269	2,427,269		
Wilbur Cross Building Renovation	19,999,571			19,999,571	19,999,571		
Young Building Renovation/Addition	23,651,403			23,651,403	23,651,403		
SUBTOTAL FOR STORRS & REGIONAL CAMPUS	\$3,168,200,000	\$125,100,000	\$163,700,000	\$3,457,000,000	\$2,788,375,227	\$110,999,535	\$393,925,237
CLAC Renovation Biosafety Level 3 Lab	15,901,466			15,901,466	15,901,466		
Deferred Maintenance-UCH	76,959,697			76,959,697	50,417,413		26,542,284
Dental School Renovation	3,525,000			3,525,000	3,525,000		
Equipment, Library Collections & Telecom-UCH	116,429,390			116,429,390	115,713,844		715,546
Library/Student Computer Center Renovation	1,266,460			1,266,460	1,266,460		
Main Building Renovation	117,484,316			117,484,316	117,484,316		
Medical School Academic Building Renovation	39,578,232			39,578,232	39,578,232		
Planning & Design Costs	25,000,000			25,000,000	25,000,000		
Research Tower	67,992,229			67,992,229	67,992,229		
Support Building Addition/Renovation	100,000			100,000	100,000		
UCH New Construction and Renovation	386,663,210			386,663,210	386,663,210		(0)
SUBTOTAL FOR HEALTH CENTER	\$850,900,000	\$0	\$0	\$850,900,000	\$823,642,170	\$0	\$27,257,830
GRAND TOTAL	\$4,019,100,000	\$125,100,000	\$163,700,000	\$4,307,900,000	\$3,612,017,397	\$110,999,535	\$421,183,067

* UCONN 2000 Bond Authorization is separate from and does not agree to UCONN 2000 Bonds Sold, which totals \$3,804,000,000 as of the reported date. This results in a difference of \$215,100,000 between total UCONN 2000 Bonds authorized and total UCONN 2000 Bonds sold.

** The available balance is calculated as FY96-FY22 UCONN 2000 Bond Authorization, less expenditures and encumbrances. As stated above, the bond authorization is separate from bonds sold. The total available balance from bonds sold would be \$215,100,000 less, or \$80,983,067.

EXHIBIT C

POLICIES: SELECTION AND ACQUISITION OF PROFESSIONAL SERVICES

Section 10a-109d (5) of the Connecticut General Statutes authorizes the University to contract with professionals to plan, design and supervise UCONN 2000 projects and other capital projects.

- 1. The Executive Vice President for Administration and Chief Financial Officer has the responsibility for the administration of these policies. Authority for their implementation may be delegated to appropriate operating departments and/or individuals.
- 2. A selection committee shall be appointed to select professional services for each project in accordance with university policies and procedures.
- 3. The selection committee shall develop the rating and evaluation criteria.
- 4. The contract shall be negotiated in consultation with the University Master Planner and Chief Architect or with the Associate Vice President for Campus Planning Design and Construction for the Health Center.
- 5. Changes in scope that affect the cost of the project must be approved by the Executive Vice President for Administration and Chief Financial Officer, or as delegated to appropriate operating departments and/or individuals.

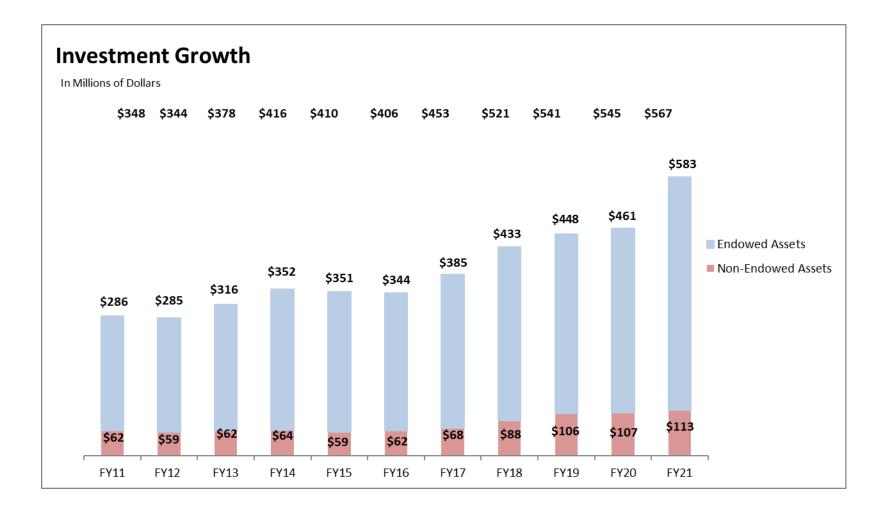
EXHIBIT D

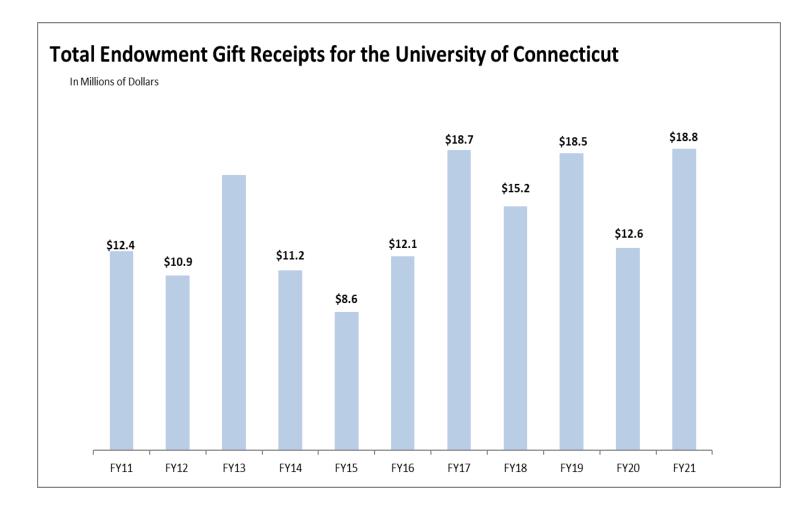
POLICIES: PRE-QUALIFICATION AND SELECTION OF CONTRACTORS

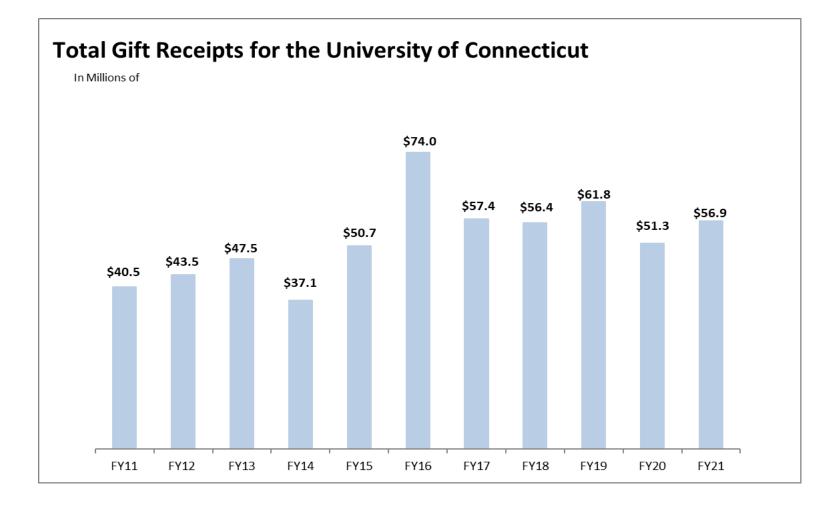
Section 10a-109n (c) (2) of the Connecticut General Statutes authorizes the University to contract with construction firms for the building of UCONN 2000 projects and other capital projects.

- 1. The Executive Vice President for Administration and Chief Financial Officer has the responsibility for the administration of these policies. Implementing authority may be delegated to appropriate operating departments.
- 2. Pre-qualification shall be required of all bidders for projects over \$100,000.
- 3. Objective written criteria for pre-qualification of firms shall be developed.
- 4. A list of pre-qualified contractors shall be developed on a project basis. Firms will be evaluated on written criteria, including but not limited to: (1) the firm's previous experience with similar projects, (2) the firm's financial ability to complete the project, (3) the firm's ability to post surety bonds, (4) evaluation of the firm's integrity, (5) a determination that the firm has no conflict of interest in connection with the project, (6) technical ability, (7) managerial ability and (8)whether a contractor or one of their subcontractors on one of their previous projects has been in compliance with the provisions of Part III of Chapter 557 and Chapter 558 during the previous five calendar years.
- 5. Pre-qualified firms shall be invited to bid upon a specific contract. Contracts shall be awarded to the lowest responsible bidder who conforms to the University's standards for the project.
- 6. If it is in the best interest of the University and the State of Connecticut, all bids may be rejected and the contracting process reopened.
- 7. The University may negotiate with any pre-qualified contractor that is currently under contract for incorporation work under exigent circumstance. This new work need not be related to the original contract. The new work shall be of a similar nature as the basic contract.
- 8. Exigent circumstances include work necessary to:
 - a. Prevent loss of grant income or other revenue
 - b. Produce additional revenue or grant income
 - c. Insure renovations are complete for new faculty and staff members
 - d. Provide for safety and health of the University Community
 - e. Comply with any Federal or State laws or regulations

- f. Insure timely and orderly completion of UCONN 2000 or 21st Century UConn Projects.
- 9. The Executive Vice President for Administration and Chief Financial Officer shall approve use of the exigency provision for an individual job based upon a written recommendation from the University Master Planner and Chief Architect or by the Associate Vice President for Campus Planning Design & Construction as designee for the Health Center
- 10. The negotiations may be conducted with any contractor or contractors currently performing one of the following types of contracts; lump sum, design build or construction manager at risk.
- 11. The University Master Planner and Chief Architect or by the Associate Vice President for Campus Planning Design & Construction as designee for the Health Center will prepare a price negotiations memorandum detailing the basis for the award.
- 12. The Executive Vice President for Administration and Chief Financial Officer shall also stipulate whether the added work shall be incorporated into the contract by change order or be consummated as a new contract.







PREVAILING WAGE COMPLIANCE REPORT

The attachments referred to below cover the reporting period from January 1, 2022 thru June 30, 2022 and are issued pursuant to the requirements of subsection (f) of section (7) of Public Act 02-3, an Act Concerning 21st Century UCONN, by providing the following information:

(1) The names and addresses of contractors and subcontractors performing repair, addition, alteration and new construction on the university's campuses in the previous six months.

Attachment A provides the listing in alphabetical order. This is being filed in conjunction with the July 2022 Report Number Fifty-Four to provide a consolidated report for UCONN 2000 activities. There is no sub-grouping of contractors or subcontractors as the nature of their business makes each interchangeable with the other as business opportunities become available.

Attachment B is based on information from the State of Connecticut Department of Labor, Wage and Workplace Standards Division, Contract Compliance Unit and represents a combined sharing of information by the University of Connecticut and the Department of Labor. No report is made from the Department of Labor, for this reporting period.

Attachment C is the Debarment list issued by the Department of Labor.

ALPHABETICAL LISTING OF CONTRACTORS AND SUBCONTRACTORS OCTOBER 1, 2021 THRU MARCH 31, 2022

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
A Best Buy Premium Fuel & Trucking LLC	196 W Pond Road Extension		North Branford	СТ	06471
Accurate Door & Window LLC	156 Middle Road		Preston	СТ	06365
Acorn Glass, Inc	30 Century Drive		Stratford	СТ	06615
ACP Plus LLC	188 Bailey Road	188 Bailey Road Middletown		СТ	06457
Advance Security Integration LLC	158 North Main Street		Southington	СТ	06489
Advanced Reprographics LLP	50 Corporate Avenue		Plainville	СТ	06062
AEPM International	200 Main Street		Ansonia	СТ	06401
Air Balancing Service Company	7 Corporate Drive, U-109-110		North Haven	СТ	06473
Air Equipment LLC	43 Thomas Street		East Hartford	СТ	06108
All-Phase Enterprises Inc	191 West Stafford Road	PO Box 6	Stafford Springs	СТ	06076
Alma Iron LLC	27 Castle Lane		Ansonia	СТ	06401
Amenta Emma Architects	242 Trumbull Street		Hartford	СТ	06103
Anchor Engineering Services Inc	41 Sequin Drive		Glastonbury	СТ	06033
Anderson Electrical Contractors Limited	55 Airport Road, Suite 101		Hartford	СТ	06114
Antinozzi Associates PC	271 Fairfield Avenue		Bridgeport	СТ	06604
Aris Land Studio	78 Elm Street		Bridgeport	СТ	06604
Armani Restoration Inc	95 Bysiewicz Drive		Middletown	СТ	06457
Array Systems LLC	205 Research Drive, Unit 4		Milford	СТ	06460
Barall & Konover Floors Inc	714 Blue Hills Avenue		Hartford	СТ	06112
Barber Firestop Systems LLC	175 Englewood Drive		Orange	СТ	06477
Bartholomew Contract Interiors	3324 Main Street		Hartford	СТ	06120
Bestech Incorporated of Connecticut	25 Pinney Street		Ellington	СТ	06029
Bond Brothers Inc	370 James Street #405		New Haven	СТ	06513
Business Interactions LLC	53702 Generations Drive		South Bend	IN	46635
C&A Distributors Inc	595 Church Street		Newington	СТ	06111
CA Howard Associates LLC	3 Barnard Lane, Suite 204		Bloomfield	СТ	06002
Caruso Electric Company	815 Farmington Avenue		New Britain	СТ	06053
CDM Smith Inc	75 State Street, Suite 701		Boston	MA	02109
Charter Oak Environmental Services Inc	33 Ledgebrook Drive		Mansfield Center	СТ	06250
Chase Glass Company Inc	73-75 James Street		East Hartford	СТ	06108
Cheryl Newton Architect LLC	1917 Main Street	1917 Main Street Glastonbury		СТ	06033
Christiopher Williams Architects LLC	85 Willow Street	85 Willow Street New Haven		СТ	06511
Claremont Corporation	35 Winsome Drive	35 Winsome Drive PO Box 430 Durham		СТ	06422
Clay Furniture Industries, Inc	41A Chapel Street	41A Chapel Street Manchester		СТ	06042
Columbia Sheet Metal Company Inc	4 Commerce Drive	4 Commerce Drive North Windham		СТ	06256
Connecticut Carpentry Corporation	1850 Silas Deane Highway, 2nd Floor			СТ	06067
Constitution Cable Products Inc	2 Craftsman Road		East Windsor	СТ	06088

ALPHABETICAL LISTING OF CONTRACTORS AND SUBCONTRACTORS OCTOBER 1, 2021 THRU MARCH 31, 2022

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
Construction Specialties of New England	636 Nutmeg Road North		South Windsor	СТ	06074
D/E/F Services Group Ltd	1171 Voluntown Road		Griswold	СТ	06351
Daniel O'Connells Sons Inc	234 Church Street, Suite 403		New Haven	СТ	06510
Decarlo & Doll Inc Architect	89 Colony Street	89 Colony Street Meriden		СТ	06451
Desco Professional Builders Inc	290 Somers Road		Ellington	СТ	06029
Dimeo Construction Company	700 State Street, Suite 101		New Haven	СТ	06511
Distinctive Gardens & Tree Care LLC	48 Patria Road		South Windsor	СТ	06074
Double Black Imaging Corp	11005 Dover Street, Suite 500		Westminster	CO	80021
Eagle Environmental Inc	8 South Main Street, Suite 3		Terryville	СТ	06786
Eastern Electric, Inc		PO Box 2116	Vernon	СТ	06066
EF & G Construction Inc (DBA Eagle Fence & Guardrail Inc)	56 South Canal Street	PO Box 7077	Plainville	СТ	06062
Electrical Services Group LLC	37 Townsend Avenue		New Haven	СТ	06512
Elsevier Inc	3251 Riverport Lane		Maryland Heights	MO	63043
Encore Holdings, LLC	35 Philmack Drive, Suite D		Middletown	СТ	06457
Environmental Systems Corp	18 Jansen Court		West Hartford	СТ	06110
Environmental Testing & Balancing Inc	154 State Street, Suite 204		North Haven	СТ	06473
Ernest Peterson Inc	1830 Broad Street		Hartford	СТ	06114
Fairfield Electric Supply Inc	711 Post Road		Fairfield	СТ	06824
Ferguson Mechanical Company Inc	112 Northwest Drive		Plainville	СТ	06062
Fibre Optics Plus Inc	302 Adams Street		Manchester	СТ	06042
Fire Rated LLC	254 Prospect Avenue		Hartford	СТ	06106
Flow Tech Inc	800 Cottage Grove Boulevard, Building #3		Bloomfield	СТ	06002
Frank Capasso & Sons, inc	1003 Middletown Avenue		Northford	СТ	06472
Freeman Companies LLC	36 John Street		Hartford	СТ	06106
Friar Associates Inc	281 Farmington Avenue		Farmington	СТ	06032
G & F Equipment Co Inc	266 East Street		Wolcott	СТ	06716
General Welding & Fabrication Inc	977 Echo Lake Road		Watertown	СТ	06795
Genovesi Construction LLC	97 Gerber Drive		Tolland	СТ	06084
GEODesign Inc	984 Southford Road		Middlebury	СТ	06762
Gerber Construction Inc	1 Nutmeg Drive	1 Nutmeg Drive Ellington		СТ	06029
Greenbox-is Interior Solutions Ltd	10 Sequassen Street	10 Sequassen Street Hartford		СТ	06106
Haz-Pros Inc	125-A Brook Street		West Hartford	СТ	06110
HB Communications Inc	60 Dodge Avenue PO Box 689 North Haven		North Haven	СТ	06473
Herb Holden Trucking, Inc	59 Broad Brook Road Broak		Broad Brook	СТ	06016
HHS Mechanical Contractor Inc	80 Colonial Road		Manchester	СТ	06042
Ho Penn Machinery Co	225 Richard Street		Newington	СТ	06111
Hoffman Architects Inc	2321 Whitney Avenue		Hamden	СТ	06518

ATTACHMENT A ALPHABETICAL LISTING OF CONTRACTORS AND SUBCONTRACTORS OCTOBER 1, 2021 THRU MARCH 31, 2022

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
Horizon Services Corporation (DBA Horizon Services Company)	250 Governor Street		East Hartford	СТ	06108
ID3A LLC	655 Winding Brook Drive		Glastonbury	СТ	06033
Infor (US) Incorporated	380 Saint Peter Street		Saint Paul	MN	55102
Jay's Landscaping Inc	473 Sullivan Avenue So		South Windsor	СТ	06074
JLYN Masonry LLC	537 Old Clintonville Road		North Haven	СТ	06473
John Paul Garcia & Associates PC	190 Fairwood Road		Bethany	СТ	06524
Joseph Campbell (DBA Eastern Mechanical)		PO Box 57	Lebanon	СТ	06249
Joseph Cohn & Son Tile & Terrazzo LLC	50 Devine Street		North Haven	СТ	06473
KGS Associates LLC	19 Dickman Road		Plainville	СТ	06062
Kim Industries Inc	34 Mill Plain Road #2D		Danbury	СТ	06811
Krueger International Inc	1330 Bellevue Street		Green Bay	WI	54302
L & P Gate Company Inc	83 Meadow Street		Hartford	СТ	06114
Lab Furniture Installations & Sales Inc.	11 River Street, Suite 2		Middleton	MA	01949
LABCO Air & Water Balancing LLC	1090 Mountain Road		West Suffield	СТ	06093
Langan Insulation	420 Sackett Point Road #4a		North Haven	СТ	06473
LK Sheet Metal Inc	35 Wrobel Place		East Hartford	СТ	06108
Loureiro Engineering Associates Inc	100 Northwest Drive		Plainville	СТ	06062
M Frank Higgins & Company Inc	780 North Mountain Road		Newington	СТ	06111
MacKenzie Painting Company	60 Mead Street		Stratford	СТ	06615
MacKenzie Service Corporation	55 Moffitt Street		Stratford	СТ	06615
Maier Design Group LLC	34 Sequassen Street		Hartford	СТ	06106
Mather Corporation	21 West Dudley Town Road		Bloomfield	СТ	06002
Mechanical Solutions Inc	121 Commerce Way #3		South Windsor	СТ	06074
Milton C Beebe & Sons Inc	12 Beebe Lane		Storrs	СТ	06268
Modern Mechanical	519 Cooke Street	PO Box 492	Farmington	СТ	06034
MT Ford Industries Inc	645 Main Street		Somers	СТ	06071
National Sign Corporation	1541 S 92nd Place, Suite B		Seattle	WA	98108
NBI New England Inc	10 Waterside Drive, Suite 201		Farmington	СТ	06032
Net Services LLC	1185 Elm Street Extension		Rocky Hill	СТ	06067
Newman Architects PC	300 York Street		New Haven	СТ	06511
Northeast Flooring & Kitchens LLC	233 B Kennedy Drive		Putnam	СТ	06260
NT Oliva Inc	-		East Hartford	СТ	06108
O & A Insulation LLC	171 Pierremount Avenue New Britain		New Britain	СТ	06053
OFI Contract Interiors	28 Garfield Street Newington		Newington	СТ	06111
One Diversified	60 Dodge Ave North Haven		North Haven	СТ	06473
OnSite Services Inc	23 Meadow Road		Clinton	СТ	06413
Orissa LLC	45 Andover Drive		Rocky Hill	СТ	06067

ATTACHMENT A ALPHABETICAL LISTING OF CONTRACTORS AND SUBCONTRACTORS OCTOBER 1, 2021 THRU MARCH 31, 2022

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
Perfectly Plumb LLC	215 Pickerel Lake Road		Colchester	СТ	06415
Pro-Tect of Connecticut Inc	141 Avenue of Industry		Waterbury	СТ	06705
Quisenberry Arcari Malik LLC	195 Scott Swamp Road		Farmington	СТ	06032
R.A. Novia & Associates LLC	355 Highland Avenue, Suite 102		Cheshire	СТ	06410
Red Thread	300 East River Drive		East Hartford	СТ	06108
Richard's Corporation Inc	72 North Harwinton Avenue		Terryville	СТ	06786
RJB Contracting Inc	588 Winsted Road		Torrington	СТ	06790
Roberge Painting Compajy Inc	29 Church Avenue		Bristol	СТ	06010
Roman Electric LLC	23 Kozley Road		Tolland	СТ	06084
Safety Solution Consultants Inc	99 Rainbow Road #H		East Granby	СТ	06026
Santor Electrical Contractors LLC	449 Boston Post Road		North Windham	СТ	06256
Sarazin General Contractors Inc	6 North Commerce Drive		North Windham	СТ	06256
Scholar Painting LLC (DBA Scholar Painting & Restoration)	2 Klarides Village Drive #145		Seymour	СТ	06483
Scope Construction Company Inc	416 Slater Road		New Britain	СТ	06053
Security Technologies Inc		PO Box 5357	Bolton	СТ	06043
Shi International Corporation	2 Riverview Dr		Somerset	NJ	08873
Sign Pro Inc	60 Westfield Drive		Plantsville	СТ	06479
Sil/Carr Corporation	34 Newberry Road		East Windsor	СТ	06088
Silver Petrucelli & Associates Inc	3190 Whitney Avenue		Hamden	СТ	06518
Siracusa Moving & Storage Inc	250 Commerce Circle		New Britain	СТ	06051
Sound Mechanical Contractors LLC	82 Colonial Road		Manchester	СТ	06042
Southern New England Electrical Testing LLC	3 Buel Street, Unit 2		Wallingford	СТ	06492
Stamford Wrecking Company	30 Nutmeg Drive		Trumbull	СТ	06611
Steeltech Building Products Inc	636 Nutmeg Road North		South Windsor	СТ	06074
Sullivan Benson LLC	112 Northwest Drive		Plainville	СТ	06062
Sullivan, JS Cable Company Inc	123 East Aurora Street		Waterbury	СТ	06708
Svigals & Partners LLP	84 Orange Street #1		New Haven	СТ	06510
SystemOne LLC	215 Captain Lewis Drive		Southington	СТ	06489
TC Lawncare LLC	101 Crouch Road		Amston	СТ	06231
Test-Con Inc	16 East Franklin Street		Danbury	СТ	06810
The Hartford Lumber Company	17 Albany Avenue	PO Box 320550	Hartford	СТ	06120
The Jack Farrelly Company	97 Old Poquonock Road		Bloomfield	СТ	06002
The John Boyle Company	152 South Main Street	152 South Main Street PO Box 397 New Britain		СТ	06050
The Whiting-Turner Contracting Company	195 Church Street, 16th Floor		New Haven	СТ	06516
Thomas W Raftery Inc	1055 Broad Street	1055 Broad Street Hartford		СТ	06106
Total Fence LLC	525 Ella Greasso Boulevard		New Haven	СТ	06519
Tradesource Inc	205 Hallene Road, Units 211-212		Warwick	RI	02886

ALPHABETICAL LISTING OF CONTRACTORS AND SUBCONTRACTORS OCTOBER 1, 2021 THRU MARCH 31, 2022

COMPANY NAME	ADDRESS 1	ADDRESS 2	CITY	STATE	ZIP CODE
Tri State Materials Testing Lab LLC	160 South Turnpike Road, Suite 3		Wallingford	СТ	06492
TSKP Studio LLC	146 Wyllys Street, # 1-203	146 Wyllys Street, # 1-203 Hartford		СТ	06106
Turner Construction Co	50 Waterview Drive, Suite 220		Shelton	СТ	06484
Tyco Fire & Security Management Inc	27 Inwood Road		Rocky Hill	СТ	06067
Ultimate Construction LLC	19C Andover Drive		Hartford	СТ	06110
Valcor Communication LLC	419 Main Street	East Hartford		СТ	06118
Walch & Company Inc	35 North River Road		Tolland	СТ	06084
West State Mechanical Inc	3000 S. Main Street	PO Box 1045 Torrington		СТ	06790
William B Meyer Inc	255 Long Beach Blvd	Stratford		СТ	06615
Wing's Testing & Balancing Company Inc	94 North Branford Road, Suite 1		Branford	СТ	06405
Wiremen Inc	138 Manhan Street	PO Box 721 Waterbury		СТ	06720
Zlotnick Construction Inc	161 Storrs Road		Mansfield Center	СТ	06250

June 8, 2017

Partner of the American Job Center Network

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State of Connecticut Debarment List Pursuant to Section 31-53a(a)

No contract shall be awarded to any person or firms appearing on this list or to any firm, corporation, partnership, or association in which such persons or firms have an interest until the expiration date listed has elapsed.

Please be informed that the following persons or firms have been debarred in accordance with Section 31-53a of the Connecticut General Statutes, as amended:

DEBARMENT LIST

Name of Person or Firm	Expiration Date
-Canterbury Communications, Canterbury	Indefinite
Marion T. Mershon, an individual	Indefinite
-City Electrical Enterprises LLC, Hartford	Indefinite
Lloyd Thompson, an individual	Indefinite
-Elite Roofing, Cheshire	Indefinite
Sam Stevens, an individual	Indefinite
-Gatollari Enterprises Inc., Rochelle Park, NJ	Indefinite
Robert Gatollari, an individual	Indefinite
-Greenland Enterprises Inc., Wayne, NJ	Indefinite
Oneil Mendez, an individual	Indefinite
Raymond Blum-Romero, an individual	Indefinite
-Jarosz Welding Company Inc., Hartford	Indefinite
Andrew W. Jarosz, an individual	Indefinite
-SCD Services, LLC, Somers	Indefinite
Philip Snow, an individual	Indefinite
-Seakco Construction, Stamford	Indefinite
Robert Evans, an individual	Indefinite
-Sun Ray Electric, Prospect	Indefinite
Reinaldo DeSousa, an individual	Indefinite
Any inquiries regarding this list should be directed to the Wag at (860)263-6790.	e and Workplace Standards Division

Scott D. Jackson Labor Commissioner

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