

November 1, 2017

TO: Members of the Board of Trustees

FROM: Scott A. Jordan

Executive Vice President for Administration and Chief Financial Officer

Jeremy Teitelbaum

Interim Provost and Executive Vice President for Academic Affairs

RE: Fifth Supplemental Indenture Authorizing \$185,000,000 of

Special Obligation Student Fee Revenue Bonds and Amending the Special

Obligation Indenture of Trust

RECOMMENDATION:

That the Board of Trustees approve the Fifth Supplemental Indenture, substantially in the form attached hereto, authorizing University of Connecticut Special Obligation Bonds secured by Student Fees in an amount not to exceed \$185,000,000 plus costs of issuance, any capitalized interest, and any required reserves, to fund the UCONN 2000 Project listed in the Act as "Intramural, Recreational and Intercollegiate Facilities" for certain projects including a Student Recreation Center and related projects to include athletic stadia on the Storrs Campus and amending the Special Obligation Indenture of Trust as described below, provided that prior to issuance of the bonds, the Chief Financial Officer shall submit a Plan of Finance for approval to the Buildings, Grounds, and Environment and the Financial Affairs Committees of Board of Trustees, which will include the final scope and cost, and the sources and uses of funds to be used to finance such related projects; and provided, further, that the Plan of Finance for the Student Recreation Center and such related projects shall not include the use of funds from tuition payments or state appropriations.

BACKGROUND:

The University of Connecticut's (the "University") Special Obligation Bonds are authorized by the UCONN 2000 Act and issued pursuant to a Special Obligation Indenture of Trust by and between the University and U.S. Bank National Association, dated as of January 1, 1997, as amended (the "Master Indenture") which provides that each new issue of bonds be issued pursuant to a supplemental indenture.

The Fifth Supplemental Indenture authorizes the issuance of bonds in the maximum amount of \$185,000,000 plus costs of issuance, any capitalized interest, and any required reserves to finance the UCONN 2000 Project listed in the Act as "Intramural, Recreational and Intercollegiate Facilities" for certain projects including a Student Recreation Center and related projects such as Athletic Stadia on the Storrs Campus.

The Fifth Supplemental Indenture also contemplates that the exact amount of the bonds to be issued will be determined at the time of issuance. Appendix A of the Fifth Supplemental Indenture lists the UCONN 2000 projects that may be financed by the bonds.

The Fifth Supplemental Indenture also amends the Master Indenture, which is now twenty years old, for certain updates and clarifications consistent with current market practice and regulations. The changes include clarification that "Assured Revenues" do not include patient revenues or any other revenues derived from clinical operations; allowance for use of a debt service reserve fund to secure the bonds; updating the continuing disclosure process consistent with regulatory and market changes; making certain delegations concerning disclosure to the Executive Vice President for Administration and Chief Financial Officer; adding Phase III of the UCONN 2000 program and providing that the renewal and replacement fund created under the Master Indenture is held by the trustee bank and spent at the direction of the University; and adding to the definition of "Pledged Revenues" the Athletic Stadia FIT Fee and the Student Recreation Center Fee.

This recommendation, as approved as provided above, will serve as the Board of Trustees' resolution for approval of the Fifth Supplemental Indenture and for the series of bonds to be issued in accordance therewith. The resolution as finally approved as provided above, with supplemental information, as appropriate, will be sent to the Governor for approval. If the Governor chooses not to exercise his statutory authority to approve or disapprove the resolution within 30 days of its submission, it will be deemed approved in accordance with the Act.

It is expected that the bonds will be issued in March 2018 by the University with the approval and assistance of the State Treasurer. The term of the bonds will be 30 years. The proceeds of the bonds will be used as follows: \$100 million for the construction of the Student Recreation Center, \$25 million for infrastructure necessary of the Student Recreation Center and up to \$60 million for athletic stadia and related projects. With respect to the issuance of bonds to fund the Student Recreation Center and related projects, the Board of Trustees is expected to take no further action. With respect to the issuance of bonds to fund athletic stadia, the Chief Financial Officer is required to submit a Plan of Finance to the Buildings, Grounds, and Environment and the Financial Affairs Committees, which the Committees will review and approve prior to issuance of the bonds.

UNIVERSITY OF CONNECTICUT

as Issuer

and

U.S. BANK NATIONAL ASSOCIATION

as Trustee

FIFTH SUPPLEMENTAL INDENTURE

AUTHORIZING

THE UNIVERSITY OF CONNECTICUT STUDENT FEE REVENUE BONDS

and

AMENDING THE SPECIAL OBLIGATION INDENTURE OF TRUST DATED AS OF JANUARY 1, 1997

Dated as of _____

TABLE OF CONTENTS

		<u>Page</u>
ARTICLE I	Definitions and Statutory Authority	3
101. 102. 103.	Fifth Supplemental Indenture Definitions Authority for the Fifth Supplemental Indenture	3
ARTICLE II	Authorization of the Project and Authorization, Terms and Issuance of Bonds	4
201. 202. 203.	Authorization Reserve Funds Purposes; Plan of Financing.	4
ARTICLE III	Form of Bonds	4
301. 302. 303. 304. 305. 306. 307. 308. 309.	Form, Denomination, Numbers and Letters Places of Payment and Paying Agent Amount and Terms Interest Delivery and Application of Bond Proceeds Mandatory and Optional Redemption of the Bonds Mandatory and Optional Tender of Bonds Form Provisions for Payment Continuing Disclosure Undertaking	5 5 6 6
ARTICLE IV	Miscellaneous Matters	6
401. 402. 403. 404. 405. 406. 407.	Tax Exemption Self Sufficiency Sale Execution Delivery Other Provisions or Covenants Notes	7 7 7 7
ARTICLE V	No Recourse and Delegation of Authority	8
501. 502. 503.	No Recourse Delegation of Authority to Treasurer Delegation of Authority	8
ARTICLE VI	Amendments to the Master Indenture	9
601. 602. 603. 604.	Definitions Establishment of Funds and Accounts Therein Renewal and Replacement Fund. Coverage Covenant	10

ARTICLE VII	Miscellaneous	12
701.	When Effective	12
702.	Ratified and Confirmed.	

FIFTH SUPPLEMENTAL INDENTURE

authorizing

THE UNIVERSITY OF CONNECTICUT STUDENT FEE REVENUE BONDS

and

AMENDING THE SPECIAL OBLIGATION INDENTURE OF TRUST DATED AS OF JANUARY 1, 1997

This FIFTH SUPPLEMENTAL INDENTURE, dated as of _______, (the "Fifth Supplemental Indenture"), supplements and amends the Special Obligation Indenture of Trust, dated as of January 1, 1997 as amended and supplemented to date (the "Master Indenture" and collectively with the Fifth Supplemental Indenture, the "Indenture"), by and between the University of Connecticut (the "University"), a constituent unit of the State of Connecticut system of public higher education and a body politic and corporate and an instrumentality and agency of the State of Connecticut (the "State") and U.S. Bank National Association (as successor to State Street Bank and Trust Company) (the "Trustee"). Capitalized terms used herein and not defined herein shall have the definitions as set forth in the Master Indenture.

WITNESSETH:

WHEREAS, the University is empowered under Section 10a-109f of the University of Connecticut 2000 Act, Sections 10a-109a to 10a-109g inclusive of the General Statutes of Connecticut, as amended (the "Act"), when directed by vote of its Board of Trustees, to borrow money and enter into financing transaction proceedings in anticipation of assured revenues, project revenues or other funding sources in the name of the University, on behalf of the State, and issue securities in connection with such proceedings to finance the cost of UConn 2000 or any one project thereof, or more than one, or any combination of projects thereof; and

WHEREAS, the University entered into the Master Indenture with the Trustee to provide for the issuance of Special Obligation Bonds of the University to finance UConn 2000 Projects; and

WHEREAS, the Master Indenture provides for the issuance of the Special Obligation Bonds of the University, payable solely from Pledged Revenues (which include certain Project Revenues and Assured Revenues, each as defined in the Master Indenture and in the Act) and other receipts, funds or monies pledged under the Master Indenture; and

WHEREAS, the University, by vote of its Board of Trustees approving this Fifth Supplemental Indenture, has determined to add fees to cover certain costs of the Intramural Recreational and Intercollegiate Facilities including a Student Recreation Center and facilities for sporting activities and the debt service on bonds issued therefore; and

WHEREAS, the University has determined that it shall fix the fee for the Student Recreation Center in amounts sufficient to cover costs of such project and the debt service on bonds issued therefor and that such fees shall be pledged to the payment of bonds issued under the Indenture as Pledged Revenues pursuant to the Indenture; and

WHEREAS, the Student Recreation Center and facilities for sporting activities are Intramural, Recreational and Intercollegiate Facilities under the Act; and

WHEREAS, the University by vote of its Board of Trustees approving this Fifth Supplemental Indenture has determined to add a fee on certain athletic events; and

WHEREAS, the University further desires to enter into this Fifth Supplemental Indenture to provide for the issuance of not exceeding \$185,000,000 University of Connecticut Special Obligation Student Fee Revenue Bonds (the "Bonds") which may be issued in one or more series to provide financing for the construction of certain UConn 2000 Projects set forth in Appendix A attached hereto, plus the amount of Costs of Issuance of the Bonds, capitalized interest, if any, and the amounts required to fund reserve funds, as needed (collectively, the "Project") and to issue notes in anticipation thereof; and

WHEREAS, the Act was amended by Public Act 02-3 to provide for and add a third phase to the UConn 2000 Program ("Phase III"); and

WHEREAS, the Rule has been amended by the SEC, effective November 30, 2010 and interpreted by the SEC on several occasions since it was adopted; and

WHEREAS, as a general rule, issuers comply with the Rule by entering into continuing disclosure undertakings in connection with the issuance of each series of obligations it issues which are subject to the Rule; and

WHEREAS, Section 1001 of the Master Indenture provides that the Master Indenture may be amended without the consent of the bondholders to cure any ambiguity or defect or inconsistent provision in the indenture or to insert such provisions clarifying matters or questions arising under the Master Indenture as are necessary or desirable in the event any such modifications are not contrary to or inconsistent with this Master Indenture as heretofore in effect; and

WHEREAS, Section 1512 of the Master Indenture provides that Article XV (Continuing Disclosure Undertaking) may be amended without the consent of the Holders of the Bonds in certain circumstances; and

WHEREAS, pursuant to Sections 1001 and 1512 of the Master Indenture, the University desires to amend the Master Indenture to allow for the issuance of bonds to finance Phase III of the UConn 2000 Program and to allow the University to enter into a revised continuing disclosure undertaking for the Bonds and for each series of bonds issued after the date hereof; and

WHEREAS, all things necessary to make the Bonds, when issued and authenticated by the Trustee as provided in this Fifth Supplemental Indenture, the legal, valid, and binding obligations of the University enforceable against the University according to the import thereof, and to constitute this Fifth Supplemental Indenture a valid assignment and pledge of the amounts pledged

to the payment of the Principal and Redemption Price, if any, of and the interest on the Bonds have been done and performed, and the creation, execution and delivery of this Fifth Supplemental Indenture, and the creation, execution and delivery of a series of Bonds subject to the terms hereof, have in all respects been duly authorized.

ARTICLE I

Definitions and Statutory Authority

- 101. Fifth Supplemental Indenture. This Fifth Supplemental Indenture authorizing the Bonds in one or more series and amending the Master Indenture, is supplemental to, and constitutes a Supplemental Indenture within the meaning of and is adopted in accordance with Article X of the Master Indenture.
- 102. Definitions. All terms defined, and the rules of construction set forth, in Article I of the Master Indenture shall have the same meanings in this Fifth Supplemental Indenture as such terms are given in such Article I except that, as used in this Fifth Supplemental Indenture, the following terms shall have the following respective meanings, unless the context shall otherwise require:
- "Authorized Officer's Certificate" means a copy certified by an Authorized Officer of a resolution of the academic and financial affairs committee of the Board of Trustees.
- "Bonds" means the bonds or any series of bonds authorized by Article II of this Fifth Supplemental Indenture.
- ["Bond Insurance Policy" means the municipal bond new issue insurance policy issued by the Bond Insurer that guarantees payment of principal of and interest on the Bonds and constituting a Bond Facility under the Indenture.]

["Bond	Insurer"	means	,	a	
[stock/mutual] in	surance com	oany, or an	y successor thereto.]		

- "Certificate of Determination" means the certificate or certificates of determination of the Treasurer relating to a particular series of Bonds required by section 502 hereof and otherwise referenced herein.
 - "Fifth Supplemental Indenture" has the meaning as set forth in the Recitals hereto.
 - "Indenture" has the meaning as set forth in the Recitals hereto.
 - "Master Indenture" has the meaning as set forth in the Recitals hereto.
- "Official Statement" means the official statement of the University relating to a series of the Bonds.
- "Preliminary Official Statement" means the preliminary official statement of the University relating to a series of the Bonds.

"Trustee" shall mean for purposes of the Indenture the bank or trust company meeting the requirements of the Indenture and selected in accordance with the Act and pursuant to Sections 502 and 503 hereof.

"Underwriters" means the initial purchasers of the Bonds pursuant to a bond purchase agreement duly executed by the University, the Treasurer and such purchasers.

103. Authority for the Fifth Supplemental Indenture. This Fifth Supplemental Indenture is entered into by the University and the Trustee pursuant to the provisions of the Act and the Master Indenture.

ARTICLE II

Authorization of the Project and Authorization, Terms and Issuance of Bonds

- 201. Authorization. There shall be issued under and secured by the Master Indenture one or more series of Bonds to be designated "The University of Connecticut Special Obligation Student Fee Revenue Bonds, in the aggregate principal amount of not exceeding \$185,000,000 (the "Bonds"), plus the amount of Cost of Issuance to be provided from the proceeds of any series of the Bonds, the amount of any net original issue discount, and the amount required to fund any reserve funds, as needed. The exact amount of each series of Bonds is delegated to, and is to be determined by a certificate of, the Authorized Officer for Sale Purposes in accordance with Section 10a-109g of the Act. In accordance with the Act, the terms and provisions of sale of each series of the Bonds shall be determined by the Treasurer pursuant to a Certificate of Determination. The Bonds shall be designated as and shall be distinguished from other bonds by the additional title "_____ Series ____ "pursuant to and subject to the terms, conditions and limitations established in the Indenture, the certificate of the Authorized Officer for Sale Purposes and the Treasurer's Certificate of Determination.
- **202.** Reserve Funds. The Bonds may be supported by the Debt Service Reserve Fund as determined by the Executive Vice President for Administration and Chief Financial Officer of the University, all in accordance with the provisions of the Indenture, the Certificate of Determination of the Treasurer and the certificate of the Authorized Officer for Sale Purposes.
- **203. Purposes; Plan of Financing.** The Bonds will be issued pursuant to the Indenture (i) to finance the Cost of the UConn 2000 Projects set forth in <u>Appendix A</u> attached hereto and made a part hereof, (ii) to pay Costs of Issuance and capitalized interest, if any; (iii) to pay net original issue discount; and (iv) to fund the Debt Service Reserve Fund to its Debt Service Reserve Fund Requirement, if any.

ARTICLE III

Form of Bonds

301. Form, Denomination, Numbers and Letters. All Bonds shall be in fully registered form and shall initially be registered in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York ("DTC"), which will act as securities depository for the Bonds. The Bonds shall be in denominations to be determined by the Treasurer in a Certificate

of Determination. The Bonds shall be lettered "AR-___" or such other letters provided in the Certificate of Determination. Each such letter shall be followed by the number of the Bonds. The Bonds shall be numbered consecutively from one upward in order of issuance.

- 302. Places of Payment and Paying Agent. So long as all of the Bonds are registered in the name of Cede & Co., as nominee of DTC, or any other nominee of DTC or its successor as securities depository, Principal, Sinking Fund Installments, if any, Redemption Price of and interest on the Bonds shall be payable from the Trustee to DTC or its successor as securities depository for the Bonds, as determined by the Treasurer in a Certificate of Determination. If any of the Bonds shall no longer be registered in the name of a nominee of DTC or any successor securities depository or its nominee, interest on the Bonds shall be payable by check mailed to the registered owners of the Bonds, and Principal, Sinking Fund Installments, if any, or Redemption Price of the Bonds shall be payable at the principal corporate trust office of the Paying Agent for the Bonds.
- 303. Amount and Terms. The Bonds of each series shall be dated, shall be in the exact amount, shall mature in the years not exceeding five (5) years with respect to equipment and library collections and thirty (30) years for any other purposes under the UConn 2000 Infrastructure Improvement Program, in the respective principal amounts, shall be subject to mandatory or optional redemption and mandatory or optional tender, shall bear such interest rate or rates payable at least semiannually after the first year and may be insured by a Bond Facility as, with respect to the foregoing matters pursuant to the Act, the Master Indenture and Section 502 of this Fifth Supplemental Indenture, the State Treasurer (as set forth in a Certificate of Determination) in conjunction with an Authorized Officer for Sale Purposes shall determine in the best interests of the State and University.
- **304.** Interest. The Bonds of each series shall bear interest from their date, payable on the date or dates and at the rates specified in the Treasurer's Certificate of Determination. Interest on the Bonds of each series shall be computed on the basis of a 360-day year of twelve 30-day months.
- 305. Delivery and Application of Bond Proceeds. In accordance with Section 611 of the Master Indenture, all monies received from any series of the Bonds are pledged to the payment of principal and interest on any notes issued hereunder in anticipation of such series of the Bonds, which pledge shall have a priority over any other pledge of such proceeds created by this Fifth Supplemental Indenture, and to the extent no such bond anticipation notes shall be outstanding, the proceeds of the Bonds shall be available to the Trustee to make the following deposits, as more particularly set forth in a Certificate of Determination of the Treasurer.
 - (1) that amount, if any, representing the Debt Service Reserve Fund Requirement for deposit in the Debt Service Reserve Fund, such that the amount therein is equal to the Debt Service Reserve Fund Requirement, if any;
 - (2) that amount for deposit in the Interest Account, which represents the amount of accrued interest on the Bonds if any;
 - (3) that amount, representing the Costs of Issuance of such series of Bonds, for deposit in the Costs of Issuance Account established therefor; and
 - (4) that amount, representing the remainder of the proceeds of the sale of each series of Bonds, for deposit into the Bond Proceeds Series Account established therefor.

- 306. Mandatory and Optional Redemption of the Bonds. The Bonds may also be subject to redemption as a whole or in part prior to maturity, as more particularly set forth in the Certificate of Determination of the Treasurer.
- 307. Mandatory and Optional Tender of Bonds. The Bonds may also be subject to mandatory and optional tender as more particularly set forth in the Certificate of Determination of the Treasurer.
- 308. Form. The Bonds shall be substantially in the form set forth in Exhibit A of this Fifth Supplemental Indenture and with such insertions, omissions and variations as may be deemed necessary or appropriate by an Authorized Officer of the University and as shall be permitted by the Indenture and the Act. Any covenants and conditions set forth in the form of the Bonds are incorporated into this Fifth Supplemental Indenture by reference and shall be binding upon the University as though set forth in full herein.
- 309. Provisions for Payment. The Principal or Redemption Price, if any, of and interest on the Bonds as they respectively become due shall be payable at the principal corporate trust office of the Trustee. Interest on the Bonds shall be payable to the person appearing on the registration books of the Trustee as the registered Owner thereof on the Record Date (1) by check or draft mailed on the Interest Payment Date to the registered Owner, or (2) by wire transfer on the Interest Payment Date to any Owner of at least \$1,000,000 in aggregate principal amount of the Bonds upon written notice provided by the Owner to the Trustee not later than the Record Date for such interest payment; except that if and to the extent there shall be a default in the payment of the interest due on any Interest Payment Date, the defaulted interest shall be paid to the Owners in whose names the Bonds are registered at the close of business on the fifth Business Day next preceding the date of payment of the defaulted interest. Interest payments made by check or draft shall be mailed to each Owner at his address as it appears on the registration books of the Trustee on the applicable Record Date or at such other address as he may have filed with the Trustee for that purpose. Wire transfer payments of interest shall be made at such wire transfer address as the owner shall specify in his notice requesting payment by wire transfer.
- 310. Continuing Disclosure Undertaking. Pursuant to Sections 1001 (1) and 1512 of the Master Indenture, for purposes of the Bonds and for any bonds issued under the Master Indenture after the date hereof, Article XV is hereby deleted in its entirety.

ARTICLE IV

Miscellaneous Matters

401. Tax Exemption. (a) In order to maintain the exclusion from gross income for purposes of federal income taxation of interest on the Bonds, the University hereby covenants to comply with the provisions of the Code, and any regulations or rulings issued thereunder, applicable to the Bonds. Further, the University covenants that it will not take any action or fail to take any action that would cause the Bonds to be "arbitrage bonds" within the meaning of Section 148(a) of the Code. In fulfilling the covenants set forth in this Section, the University hereby agrees to instruct all parties acting by or on behalf of the University or in any manner with respect to the Bonds regarding all acts necessary to satisfy and fulfill such covenants.

- (b) Declaration of Official Intent. The University reasonably expects to incur expenditures (the "Expenditures") in connection with the Bond projects of which a general functional description is contained in Appendix A attached hereto (collectively, the "Project"). The University reasonably expects to reimburse itself for the cost of Expenditures with respect to the Project with the proceeds of Bonds, tax-exempt obligations to be issued by the University, not later than eighteen (18) months after the later of the date the original Expenditure is paid or the date the Project is placed in service or abandoned, but in no event more than three (3) years after the original Expenditure is paid. The maximum principal amount of such debt with respect to the Project is not expected to exceed the amount shown in Appendix A attached hereto. This declaration of official intent is a declaration of official intent made pursuant to Section 1.150-2 of the Regulations.
- **402. Self Sufficiency.** With respect to the Projects, the Executive Vice President for Administration and Chief Financial Officer shall deliver a certificate to the Trustee that the self sufficiency requirements of Section 910 A(2) of the Master Indenture have been met.
- 403. Sale. Pursuant to Section 10a-109g of the Act, the Master Indenture and Section 201 hereof, on behalf of the University, the State Treasurer is hereby authorized to sell the Bonds at public or private sale in such manner, at such price or prices, at such time or times, and on such terms and conditions as the State Treasurer shall determine to be in the best interests of the State and University. The terms and particulars of such sale shall be recited in the State Treasurer's Certificate of Determination, to be filed with the University and the Secretary of the State Bond Commission.
- **404. Execution.** The Bonds shall be executed and attested by manual or facsimile signatures sealed and authenticated manually in accordance with the provisions of the Indenture.
- 405. Delivery. After their execution as provided herein and in the Master Indenture, the Bonds shall be delivered to the Trustee for authentication as provided in the Master Indenture and shall thereupon be delivered to the Underwriters upon receipt by the Trustee of the purchase price therefor in accordance with the documents of sale and upon satisfaction of the conditions contained therein and in the Indenture.
- 406. Other Provisions or Covenants. To the extent provisions such as purchasing bond insurance or covenants of like or different character from those contained herein or in the Master Indenture are consistent with the Act and are determined by the State Treasurer in the conjunction with an Authorized Officer of the University to be necessary, convenient or desirable in order to better secure the Bonds, or which will tend to make the Bonds marketable, and which are in the best interests of the State, may be included in the State Treasurer's Certificate of Determination.
- 407. Notes. Prior to the issuance of any series of the Bonds and thereafter to the extent the State Treasurer determines pursuant to the Certificate of Determination referred to in Sections 301 and 502 hereof not to issue the full amount of any series of Bonds, the State Treasurer (or, in her absence, the Deputy Treasurer), is further delegated in conjunction with an Authorized Officer of the University, pursuant to the Act and the Indenture to sell notes in anticipation of the issuance of the Bonds and for financing the same purposes for which such Bonds are authorized. Pursuant to such Certificate of Determination or supplement thereto, the State Treasurer shall determine whether or not such notes shall be parity notes or subordinated notes and other matters required for the issuance and sale thereof and under the Master Indenture, particularly Section 203

thereof. Subject to such Certificate of Determination, such notes may be issued in combination with other notes, issued under the Master Indenture.

ARTICLE V

No Recourse and Delegation of Authority

- 501. No Recourse. No recourse shall be had for the payment of the principal of or interest on the Bonds or for any claim based thereon or on this Fifth Supplemental Indenture against any member of the Board of Trustees or any officer of the University or the State or any person executing the Bonds and neither the members of the Board of Trustees or officers of the University or the State nor any person executing the Bonds, or with respect to execution of documents hereinafter mentioned, including the Preliminary Official Statement, the Official Statement and any Bond Purchase Agreement, Tax Regulatory Agreement or documents in connection with the authorization, issuance and sale of the Bonds, shall be liable personally thereon or be subject to any personal liability or accountability by reason of the issuance or execution thereof. Pursuant to Section 10a-109s of the Act, the provisions of Sections 4-165 and 5-141d of the General Statutes shall apply to any employee or official of the University or other State agency who is discharging his duties or acting within the scope of his employment in furtherance of the UConn 2000 Infrastructure Improvement Program.
- Delegation of Authority to Treasurer. (a) The Treasurer is delegated, 502. pursuant to the Act on behalf of the University and subject in all respects to the Indenture, the authority to determine with respect to the Bonds the date or dates and maturities (provided, however, that the Bonds issued to finance equipment and library collections shall mature not later than five (5) years from their dated date and the Bonds issued to finance any other of the Projects shall mature not later than thirty (30) years from their dated date); provisions for either Variable Interest Rate Bonds, serial or term bonds, sinking fund requirements, if any; due dates of interest; denominations; the terms, if any, of optional or extraordinary redemption, with or without premium; time or times of sale (subject to the cash flow requirements of the University to cover the cost of the Projects) and manner of sale; interest rates and limitations with respect thereto; provisions for receipt and deposit or investment of the good faith deposit pending delivery; and such other terms and conditions of the Bonds and of the issuance and sale thereof and provisions, if any, pursuant to section 407 hereof, for the sale and issuance of notes or subordinated notes in anticipation of the Bonds all, with respect to the foregoing, as the Treasurer may determine pursuant to this Fifth Supplemental Indenture, particularly Article III hereof, and to be in the best interests of the State and University. The Treasurer shall file a Certificate of Determination with the University and Secretary of the State Bond Commission on or before the date of delivery of each series of the Bonds setting forth the details and particulars of the series of Bonds determined by her in accordance with this delegation. Such Certificate of Determination shall be delivered to the Trustee on or before the date of closing of each series of the Bonds.
- (b) The Treasurer is also delegated pursuant to this Fifth Supplemental Indenture of Trust, the authority to consolidate any Bonds authorized and to be issued pursuant hereto with any series of refunding bonds that may be authorized by the Board of Trustees pursuant to a supplemental indenture. The Treasurer shall set forth the particulars of such consolidation in the applicable Certificate of Determination.
- (c) The Treasurer is further delegated, pursuant to the Indenture and, in accordance with Section 10a-109g of the Act, pursuant to certain provisions of Section 3-20 of the

General Statutes of the State of Connecticut, as amended, the authority to enter into agreements in consultation with the University (through its Authorized Officer for Sale Purposes) with respect to the issuance and sale of the Bonds, including financial advisory agreements, bond purchase agreements, tax regulatory agreements, investment agreements, and agreements with respect to a Bond or Swap Facility for the Bonds.

- 503. Delegation of Authority. (a) The Executive Vice President for Administration and Chief Financial Officer is hereby delegated and the Treasurer is further delegated, pursuant to the Act, the authority to approve the final terms of and publication and distribution of the Preliminary Official Statement and the Official Statement in connection with the offering and sale of the Bonds and to sign and certify that the Preliminary Official Statement is an official statement that the University deems final as of its date for purposes of Rule 15c2-12 of the Securities and Exchange Commission ("Rule 15c-12"), except for certain permitted omissions described in paragraph (b)(1) of Rule 15c2-12. The Treasurer, in conjunction with the Executive Vice President for Administration and Chief Financial Officer, is further authorized and directed to sign any amendment or supplement or certificate with respect to the Official Statement or the Preliminary Official Statement that may, in his or her judgment, be necessary or appropriate on or before the date of delivery of the Bonds.
- (b) Subsequent to adoption of the resolutions of the Board of Trustees authorizing this Fifth Supplemental Indenture, the Authorized Officer for Sale Purposes is hereby authorized to make such changes, insertions, deletions or provisions thereto, respectively, not materially inconsistent with the intent of the provisions of the Master Indenture and this Fifth Supplemental Indenture as so adopted, so as to comply with the requirements of the Treasurer, the Underwriters of the Bonds or the rating agencies and may rely on a Counsel's Opinion for advice with respect to the foregoing. In addition, any Authorized Officer is authorized and directed to sign other documents ancillary to the authorization, issuance and delivery of the Bonds within the scope of such Officer's duties at the University and under the Act.

ARTICLE VI

Amendments to the Master Indenture

- **601. Definitions.** (a) The following definitions contained in Section 101 of the Master Indenture are hereby amended to read as follows:
 - "Assured Revenues" means revenues, other than Project Revenues or patient revenues or any other revenues derived from the clinical operation of the University, to be received from fees, tuition, rentals, charges, gifts, investments, endowments and from grants, subsidies, contracts, leases or other agreements made by or with the federal government, the State or any political subdivision, agency or instrumentality of the Federal government or the state, or others, including the State Debt Service Commitment, the Minimum State Operating Provision and Special Eligible Gifts.
 - "Authorized Officer" means, in the case of the University, the Chairman or Vice-Chairman of the Board of Trustees, the finance committee of the Board of Trustees (acting by resolution and constituting the finance committee of the Board of Trustees within the meaning of the Act), the President, the Provost and Executive Vice President for Academic Affairs, the Executive Vice President For Administration and Chief Financial Officer, or the Manager of Treasury Services (for the purpose of making disbursements and investments

only), the Controller (for the purpose of making disbursements only), or any other person duly authorized by the bylaws or resolution of the University to perform the act or sign the document in question.

"Debt Service Reserve Fund" means the fund established pursuant to the Act and Section 602 hereof and governed by Section 613 hereof.

"Pledged Revenues" means special revenues, subject to the prior lien on and pledge thereof noted in Section 907 hereof, to be received by the University from fees and charges for certain auxiliary activities, including the Residential Life Room Fee, the Student Apartment Rentals, the Board (Dining) Fee, the Infrastructure Maintenance Fee, the Parking and Transportation Fee, the General University Fee, Athletic Stadia FIT Fee and the Student Recreation Center Fee, (1) such other legally available revenues, including but not limited to other fees and charges and Special Eligible Gifts, as the Board of Trustees may determine to pledge hereunder by or pursuant to a Supplemental Indenture excluding in any event Assured Revenues from the State Debt Service Commitment and the Minimum State Operating Provision and (2) any interest earned or gains realized by the investment of moneys which are treated hereunder as Pledged Revenues and which constitute a part of the Trust Estate.

"UConn 2000 Project" means any UConn 2000 Phase I Project, UConn 2000 Phase II Project and UConn 2000 Phase III Project which the Board of Trustees by resolution authorizes to finance with Bonds hereunder provided such resolution is submitted to the Governor and has not been disapproved by the Governor within thirty (30) days of its submission.

(b) The following definitions are hereby added to Section 101 of the Master Indenture:

"Athletic Stadia FIT Fee" means a surcharge on football tickets, men's ice hockey, men's and women's basketball tickets and on men's and women's soccer tickets for regular season, mini-plan and single-game purchases.

"Student Recreation Center Fee" means the mandatory student fee for Storrs based students, assumes an initial undergraduate rate of \$500/year and graduate rate of \$400/year.

"UConn 2000 Phase III Project" means any Project which is identified and referenced in Section 10a-109e of the Act as a Phase III Project, as the same may be revised, deleted or added in accordance with the Act and this Indenture.

602. Establishment of Funds and Accounts Therein. Section 602 A of the Master Indenture is hereby amended in its entirety as follows:

The University hereby establishes and creates the following funds and accounts to be held by the Trustee:

- (1) Bond Proceeds Fund
 - (a) Costs of Issuance Series accounts
 - (b) Series accounts

- (2) Debt Service Fund
 - (a) Interest Account
 - (b) Principal Installment Account
- (3) Redemption Fund
- (4) Rebate Fund
- (5) Special Capital Reserve Fund
- (6) Renewal and Replacement Fund
- (7) Debt Service Reserve Fund
- 603. Renewal and Replacement Fund. Sections 612(B) and 612(C) of the Master Indenture are hereby amended in their entirety as follows:
- (B) The University is hereby authorized to apply the amounts in the Renewal and Replacement Fund to the payment or reimbursement of the extraordinary expenses incurred for the rebuilding, replacement, relocating, repair and restoration of any UConn 2000 Project financed by the University under this Indenture and other facilities forming part of the physical university plant so to permit the University to operate and maintain the physical university plant in sound operating condition.

Whenever the moneys in the Debt Service Fund are insufficient to pay the interest, principal and Sinking Fund Installments due or to become due in the next seven (7) days on Bonds, the University may transfer from the Renewal and Replacement Fund to the Trustee for deposit in the Debt Service Fund the amount necessary to make up such deficiency.

- (C) The University is further authorized and directed to order each disbursement from the Renewal and Replacement Fund upon a certification filed with Trustee, signed by an Authorized Officer of the University. Such certification shall (i) state the requisition number, (ii) specify the project or other facilities financed with such disbursement and the nature of each item or category of cost and certify the same to be correct and proper under this Section and that such item or category of cost has been properly paid or incurred as a cost of the project or other facilities, (iii) if the money in the Renewal and Replacement Fund is proceeds of a tax exempt obligation, then, pursuant to Section 912 hereof, such disbursement is consistent with the covenant of the University respecting tax exempt obligations and any Tax Regulatory Agreement with respect thereto, (iv) certify that none of the items or categories for which the certification is made has formed the basis for any disbursement theretofore made from the Bond Proceeds Fund (v) certify that the payee and amount stated with respect to each item in the certification are correct and that such item is due and owing, and (vi) specify the name and address of the person to whom payment is due or has been made.
- **604.** Coverage Covenant. Section 903 of the Master Indenture is hereby amended by revising the definition of "Gross Revenue Amount" therein in its entirety as follows:

"Gross Revenue Amount" for the purpose of this section and Section 910 only constitutes that amount of Pledged Revenues with respect to the (i) Infrastructure Maintenance Fee, (ii) the General University Fee, (iii) the Student Recreational Center Fee and (iv) the Athletic Stadia FIT Fee

prior to any payments, deductions, offsets or provisions, respectively, and (v) those Pledged Revenues described in paragraph (2) of the definition thereof.

ARTICLE VII

Miscellaneous

- **701.** When Effective. This Fifth Supplemental Indenture shall take effect as of the date of adoption by the Board of Trustees of the University, the acceptance of the Trustee, the approval of the Governor and its execution by the University and the Trustee.
- 702. Ratified and Confirmed. Except as expressly modified herein, the Master Indenture is in all respects ratified and confirmed and all its terms, provisions and conditions shall be and remain unaffected and in full force and effect.

IN WITNESS WHEREOF, the University of Connecticut has caused this Fifth Supplemental Indenture to be signed by its President and sealed the same with its seal attested by an Authorized Officer, and the Trustee, for itself and its successor or successors, has caused this Fifth Supplemental Indenture to be signed by its duly authorized officer and has by its execution hereof signified its acceptance of the trust hereby created and imposed.

THE UNIVERSITY OF CONNECTICUT

	Ву:
	Susan Herbst Its President
(SEAL)	
ATTEST:	
By: Scott A. Jordan Its Executive Vice President for A and Chief Financial Officer	
	U.S. BANK NATIONAL ASSOCIATION, as Trustee
Date:	Ву:
	Name:

UCONN 2000 INFRASTRUCTURE IMPROVEMENT PROGRAM Fifth Supplemental Indenture UConn 2000 Special Obligation Bond Authorizations(1)

SERIES BOND PROJECTS

PROJECT NAME	Total Additional UConn 2000 Bonds Needed ⁽²⁾	5 th Supplemental Indenture Bond Authorization ⁽³⁾
Intramural, Recreational and Intercollegiate Facilities	\$0	\$185,000,000
TOTAL	\$0	\$185,000,000

⁽¹⁾ The Board of Trustees approved the Fifth Supplemental Indenture on November 1, 2017.

⁽²⁾ It is expected that the projects will be completed with the amount authorized herein.

⁽³⁾ The amounts presented herein may vary (1) by resolution of the Board of Trustees provided that such reallocation does not result in the expenditure of proceeds in excess of the total aggregate amount approved as set forth in this supplemental indenture, and (2) by up to 5% upon a written determination by the Executive Vice President for Administration and Chief Financial Officer, as an Authorized Officer pursuant to the Master Indenture as supplemented, including Section 805 thereof, provided any reallocation shall (i) not result in the expenditure of proceeds in excess of the total aggregate amount approved by the Board of Trustees for all projects as set forth in the Master Indenture as supplemented approving such total expenditures; (ii) shall not result in any adverse tax consequences to the University; (iii) be made only that the UConn 2000 Projects affected by the reallocation can still be completed within the reallocated amounts, together with any other amounts allocated by the Board of Trustees in subsequent supplemental indentures; and (iv) be reported to the Board of Trustees at its next scheduled meeting.

EXHIBIT A

NO. AR-1 \$

NEITHER THE STATE OF CONNECTICUT NOR ANY POLITICAL SUBDIVISION THEREOF, OTHER THAN THE UNIVERSITY, SHALL BE OBLIGATED TO PAY THE PRINCIPAL OF OR THE INTEREST ON THE BONDS. THE UNIVERSITY IS OBLIGATED TO PAY THE PRINCIPAL OF AND INTEREST ON THE BONDS SOLELY FROM THE TRUST ESTATE. NEITHER THE FAITH AND CREDIT NOR THE TAXING POWER OF THE STATE OF CONNECTICUT OR OF ANY POLITICAL SUBDIVISION THEREOF, INCLUDING THE UNIVERSITY, IS PLEDGED TO THE PAYMENT OF THE PRINCIPAL OF OR INTEREST ON THE BONDS. THE UNIVERSITY HAS NO TAXING POWER.

UNIVERSITY OF CONNECTICUT SPECIAL OBLIGATION STUDENT FEE REVENUE BONDS, ______SERIES _

BOND DATE

CUSIP

INTEREST RATE

MATURITY DATE

debts.

			914225	
REGISTERED OWNER:	CEDE & CO.			
PRINCIPAL AMOUNT:		00/100 I	Dollars (\$)
The UNIVERSITY Corganized and existing under the promises to pay to the registered above, the principal amount set pay interest on such principal amount set payment of such principal amount the day of and be paid by check or draft mail business on the day of such last day is not a business day books kept by the University or are payable at the corporate trunder the Indenture (as hereina payment of its respective successible).	ne laws of the State of d owner identified about forth above upon present the date had been and a state of the person in whether the control of	ve or registered assigns of sentation and surrender sentation and surrender ereof until the University, at the interest rate set formencing	") for value received on the maturity dathereof and in like y's obligation with orth above, semi-a. Interest on this registered as of the preceding busing as shown on the proceding busing a shown on the proceding business and page of the United States of the	yed, hereby the set forth manner to he respect to annually on bond shall he close of ness day if registration of this bond ying Agent ed for such of America

This bond and the issue of which it forms a part are special obligations of the University payable solely out of the receipts, funds or moneys held in and secured by a pledge of and lien upon the Trust Estate created under the Special Obligation Indenture (as hereinafter defined), subject only to any agreements permitted by the Indenture (as hereinafter defined) with the holders of particular notes or bonds pledging any particular revenues, receipts, funds or moneys. This bond does not constitute a general obligation of the University or a debt or liability issued or guaranteed by the State including within the meaning of Section 3-21 of the General Statutes of the State or any political subdivision of the State or a pledge of the faith and credit of the State, the University or any political subdivision of the State.

			pal amount of \$e of providing funds for the U	
Infrastructure Improve	,	e issued for the purpose	or providing failed for the c	7COINI 2000
The Seri	es _ Bonds will b	e dated	, and will mature on	
in each of the years a	nd in the amoun	ts and will bear interes	, and will mature on t payable semiannually on	and
in eac	n year, commenc	ing, at tr	ne rates per annum set forth bel	.ow:
	<u>Year</u>	Principal Amount	Interest Rate	
÷				
•				
The	Series _ :	Bonds maturing in any	one year are issuable in regis 000.00) or any integral multiple	stered form,
exceeding the aggregat	te amount of		ds maturing in such year.	inereoi not

redeemed in part only, together with interest accrued to the redemption date, and that from and after such date interest thereon shall cease to accrue and be payable.

The failure of any Series _ Bondowner to receive notice shall not affect the validity of the proceedings for the redemption of Series _ Bonds. If, on the redemption date, moneys for the redemption of all the Series _ Bonds or portions thereof, together with interest to the redemption date, shall be held by the Trustee and Paying Agents so as to be available therefor on said date and if notice of redemption shall have been given as aforesaid, then, from and after the redemption date, interest on the Series _ Bonds or portions thereof so called for redemption shall cease to accrue. If said moneys shall not be so available on the redemption date, such Series _ Bonds or portions thereof shall continue to bear interest until paid at the same rate as they would have borne had they not been called for redemption and, except with respect to any mandatory redemption, shall not be deemed to be in default hereunder.
This Series _ Bond is transferable only upon the books of the University, which shall be kept for that purpose at the principal corporate trust office of the Trustee, by the registered owner hereof in person or by his attorney duly authorized in writing, upon surrender hereof together with a written instrument of transfer satisfactory to the Trustee duly executed by the registered owner or his duly authorized attorney. Upon such transfer, the University shall issue in the name of the transferee a new Series _ Bond of the same aggregate principal amount, tenor and series and maturity and interest rate as this Series _ Bond.
The University, the Trustee and each Paying Agent may deem and treat the person in whose name this Series _ Bond is registered upon the books of the University as the absolute owner hereof, whether this Series _ Bond is overdue or not, for the purpose of receiving payment of, or on account of, the principal or Redemption Price, if any, of and interest on this Series _ Bond and for all other purposes, and all such payments so made to any such registered owner or upon his order shall be valid and effective to satisfy and discharge the liability upon this Series _ Bond to the extent of the sum or sums so paid, and neither the University nor any Fiduciary shall be affected by any notice to the contrary.
Anything contained herein to the contrary notwithstanding, so long as theSeries _ Bonds are held by The Depository Trust Company ("DTC") or its nominee Cede & Co. (or a successor depository or nominee) pursuant to a Letter of Representations between the University and DTC (or a successor depository or nominee) as the same may be amended (the "Letter of Representations") which was entered into to effect a book-entry system to evidence ownership and transfer of the Series _ Bonds, if any terms of the Series _ Bonds (other than the Principal Amount, Interest Rate, Maturity Date, Record Date or payment dates) are inconsistent with the terms of the Letter of Representations, the terms of the Letter of Representations shall prevail. The right of DTC to discontinue providing services as securities depository, the right of the University to discontinue the book-entry system with DTC and the terms and conditions of the obligation of the University to deliver replacement bonds to the beneficial owners of the Series _ Bonds are all set forth in the Letter of Representations, counterparts of which are on file with the University and DTC.
The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the University and the rights of the holders of the Series _ Bonds at any time by the University with the consent of the holders of not less than two-thirds in aggregate principal amount of the Series _ Bond at the time outstanding thereunder. Any such consent shall be conclusive and binding upon each such holder and upon all future holders of each Series _ Bond and of any Series _ Bond issued upon the transfer or exchange thereof, whether or not notation of such consent is made thereon. The

Indenture also contains provisions permitting the Trustee to waive certain past defaults and their consequences. The holder of this Series _ Bond shall have no right to enforce the provisions
of the Indenture, to institute action to enforce the provisions and covenants thereof or to institute, appear in
or defend any suit or other proceedings with respect thereto, except as provided in the Indenture.
This Series _ Bond is issued pursuant to and in full compliance with the
Constitution and laws of the State of Connecticut. It is hereby certified, recited and declared that all acts,
conditions and things required to exist, happen and be performed precedent to and in the issuance of this Series Bond do exist, have happened and have been performed in due time, form and
manner as required by law and that the issuance of this Series _ Bond and of the issue of
which it forms a part, together with all other obligations of the University, do not exceed or violate any constitutional or statutory limitation.
Constitutional of statutory infilitation.
Neither the officers of the University nor any person executing this Series _A Bond
shall be liable personally or be subject to any personal liability or accountability by reason of the issuance hereof.
After issuance, pursuant to the Act this Series _ Bond shall be conclusively presumed to be fully and duly authorized and issued under the laws of the State of Connecticut, and any
person or governmental unit shall be estopped from questioning its authorization, sale, issuance, execution
or delivery by the University.
This Series _ Bond shall not be valid or become obligatory for any purpose or be
entitled to any security or benefit under the Indenture until the certificate or authentication hereon shall
have been signed by the Trustee.

Series _ Bond to be executed i and its official seal or a facsimile thereof to be	E UNIVERSITY OF CONNECTICUT has caused this in its name by the manual or facsimile signature of its President be hereunto impressed or imprinted hereon and attested by the zed Officer all as of the bond date set forth above.
	UNIVERSITY OF CONNECTICUT
	By Susan Herbst President
(SEAL)	
Attest:	· -

Authorized Officer

TRUSTEE'S CERTIFICATE OF AUTHENTICATION

of the Special Obligation Student Fee Revenue Connecticut.	Bonds, Series _, of the University of
	U. S. BANK NATIONAL ASSOCIATION, as Trustee
	ByAuthorized Representative

CERTIFICATE AS TO LEGAL OPINION

the University of Comentioned was originated the date of such delive Connecticut, Bond Connecticut, Bo	, Executive Vice President for Administration and Chief Financial Officer of necticut, hereby certify that on the date the Bonds described in the opinions herein ally delivered on behalf of the University and paid for, a written opinion, dated as of ry and payment, was rendered by the law firm of Pullman & Comley, LLC, Hartford, unsel, as to the validity of said Bonds. Attached hereto is a true and correct copy of ten opinion of Pullman & Comley, LLC, a signed duplicate of which has been filed iversity, and at each place at which the within bond is payable.
	Executive Vice President for Administration and Chief Financial Officer

Pullman & Comley, LLC 90 State House Square Hartford, Connecticut 06103

Opinion to be inserted

ASSIGNMENT

FOR VALUE RECEIVED, the Und (PLEASE PRINT OR TYPE NAME AND A	lersigned hereby sells, assigns and transfers unto
(TEEASE TRIVE OR TITE WAWE AND A	ADDRESS OF ASSIGNEE)
	
the within Bond and does hereby irrevocably	• •
registration thereof, with full power of subst	_ Attorney to transfer the Bond on the books kept for the itution in the premises.
Dated:	
Dated:	
	Notice: The signature to this
	assignment must correspond
	with the name as it appears upon the face of the within
	bond in every particular.
In the presence of:	

NOTICE: The signature must be guaranteed by an institution which is a member of one of the following recognized signature guarantee programs:

- (1) The Securities Transfer Agent Medallion Program (STAMP);
 (2) The New York Stock Exchange Medallion
- Program (MSP);
- (3) The Stock Exchange Medallion Program