



Board of Trustees Special Meeting

Board of Trustees

Virtual Meeting

Jul 12, 2022 2:00 PM - 3:00 PM EDT

Table of Contents

| | |
|---|------------|
| I. Agenda..... | 2 |
| II. New Business | |
| A. BOT - 1 Naming of the Sharon and Marc Hagle Gateway..... | 4 |
| B. BOT - 2 UCF Athletics Multimedia Rights | 6 |
| C. BOT - 3 Amended and Restated Rights Agreement to License Football Stadium Properties between the UCF Stadium Corporation and UCF Athletics Association, Inc. | 10 |
| D. BOT - 4 Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCF Athletics Association, Inc. | 25 |
| E. DISC - 1 College of Nursing Building Project..... | 40 |
| F. BOT - 5 Campus Master Plan Minor Amendment, Nursing Building..... | 45 |
| G. BOT - 6 College of Nursing Building – Design Approval..... | 51 |
| H. BOT - 7 Health Sciences Campus Parking Garage – Design Approval..... | 82 |
| I. BOT - 8 FY 2023-24 UCF Legislative Budget Requests (Operations)..... | 113 |



Board of Trustees

Meeting Agenda

**Board of Trustees Special Meeting
Virtual Meeting
July 12, 2022
2:00 p.m. – 3:00 p.m.**

Livestream: <https://ucf.zoom.us/j/91674727534?pwd=YIR0bHVOZ2INUU5qV3J3UIJtdjArUT09>

Webinar ID: 916 7472 7534

Conference call number: 1-929-205-6099; meeting ID: 916 7472 7534

AGENDA

- | | |
|------------------------------|---|
| 1. Call to Order and Welcome | Alex Martins, <i>Chair, UCF Board of Trustees</i> |
| 2. Roll Call | Karen Monteleone, <i>Assistant Vice President, Board Relations</i> |
| 3. Public Comment | Karen Monteleone |
| 4. New Business | Chair Martins |
| BOT – 1 | Naming of the Sharon and Marc Hagle Gateway Terry Mohajir, <i>Vice President and Director of Athletics</i> Mark Wright, <i>Deputy Athletics Director and Associate Vice President</i> |
| BOT – 2 | UCF Athletics Multimedia Rights Terry Mohajir Jordan Clark, <i>Associate General Counsel</i> |
| BOT – 3 | Amended and Restated Rights Agreement to License Football Stadium Properties between the UCF Stadium Corporation and UCF Athletics Association, Inc. Jordan Clark |
| BOT – 4 | Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCF Athletics Association, Inc. Jordan Clark |
| DISC – 1 | College of Nursing Building Project Michael D. Johnson, <i>Provost and Executive Vice President for Academic Affairs</i> |



- | | |
|---------|---|
| BOT – 5 | Campus Master Plan Minor Amendment, Nursing Building Jonathan Varnell, <i>Vice President for Facilities and Business Operations</i> |
| BOT – 6 | College of Nursing Building – Design Approval Jonathan Varnell |
| BOT – 7 | Health Sciences Campus Parking Garage – Design Approval Jonathan Varnell |
| BOT – 8 | FY 2023-24 UCF Legislative Budget Requests (Operations) Alexander N. Cartwright, <i>President</i> Michael D. Johnson |

5. Adjournment

Chair Martins



Board of Trustees Special Meeting | July 12, 2022

BOT-1: Naming of the Sharon and Marc Hagle Gateway

☐ Information

☐ Discussion

☒ Action

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

Approve the naming of the entrance to the football campus as the “Sharon and Marc Hagle Gateway” (The Gateway). The naming is requested in recognition of the \$5,000,101 commitment by Marc and Sharon Hagle and the Marc and Sharon Hagle Operating Foundation to the University of Central Florida. This new gift commitment will be the largest athletic-related gift made to UCF and it will be payable over five years.

Background Information:

On June 23, 2022, the Marc and Sharon Hagle Operating Foundation, Inc. (Donor) made a charitable commitment of \$5,000,101 to the University of Central Florida Foundation, Incorporated (Foundation) to help fund certain priorities of University of Central Florida, specifically the football campus, which will include McNamara Cove, Nicholson Plaza, a renovated Wayne Densch Sports Center, enhanced football practice fields, a new reserved parking area, and providing working capital to help fund other existing athletics priorities, as determined by the Vice President and Director of Athletics.

The UCF Foundation is responsible for the applicable donor recognition of gifts made to benefit the University and maintains the policies and procedures for the acceptance and recognition of gifts. Accordingly, the UCF Foundation researched the Donor and the principals of the Donor regarding personal background, reputation and brand due diligence prior to UCFAA finalizing negotiations and bringing this matter to the Board of Trustees.

Recommended Action:

Approve naming the entrance to the football campus as the “**Sharon and Marc Hagle Gateway**” (The Gateway)

Alternatives to Decision:

Decline approving the proposed naming.

Fiscal Impact and Source of Funding:

The donor will provide philanthropic support as outlined above.

Authority for Board of Trustees Action:

Board of Governors Regulation 1.001, University Board of Trustees Powers and Duties
Board of Governors Regulation 9.005, Naming of Buildings and Facilities
UCF Board of Trustees Policy, Naming of Buildings and Facilities

Contract Reviewed/Approved by General Counsel ☐ N/A ☒



Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Terry Mohajir, Vice President and Director of Athletics

Supporting Documentation:

N/A

Facilitators/Presenters:

Terry Mohajir

Mark Wright, Deputy Athletics Director and Associate Vice President



Board of Trustees Special Meeting | July 12, 2022

BOT-2: UCF Athletics Multimedia Rights

☐ Information

☐ Discussion

☒ Action

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

UCF Athletics Association, Inc. (UCFAA) is preparing to enter into a multimedia rights agreement with Playfly LLC (Playfly). This rights agreement will provide UCFAA with the necessary resources to compete and succeed on a national level. The 13-year agreement (including one transitional year) will provide UCFAA \$125 million in guaranteed rights revenue, plus bonus opportunities. The annual rights fee does not include operating and fulfillment expenses which reduces UCFAA annual operating expenses by approximately \$1 million a year. In addition, naming rights are not included in the guaranteed rights revenues of this agreement. (There will be a mid-term revenue share review of the gross revenues above the bonus threshold). This agreement is among the largest multimedia rights agreements in the country and one of the largest in the Big 12 Conference.

Since UCF's athletics facilities are separately controlled by the UCF Convocation Corporation, UCF Stadium Corporation and UCF Athletics Association, Inc., both the Convocation Corporation and the Stadium Corporation DSO Boards must first take action to consolidate all multimedia rights within the UCFAA. Both Boards met on July 7, 2022, and approved changes to their respective agreements that will allow UCFAA to finalize multimedia rights terms with Playfly.

Prior to consideration of approving the changes to the agreement between the UCF Convocation Corporation and the UCF Athletics Association (BOT-3) and a second agreement between the UCF Stadium Corporation and UCF Athletics Association (BOT-4), the Board is being asked to approve the outline of the multimedia rights deal and to authorize the UCF Athletics Association, Inc. to execute the necessary final agreements.

Background Information:

In July 2016, after failing to receive a competitive renewal offer, UCFAA ended its decade-plus long partnership with IMG. Thereafter, multimedia rights, corporate sponsorship, and advertising sales have been managed internally by UCFAA. With more than six years of experience, UCFAA established a track record of success in corporate sponsorships that substantially increased the value of UCFAA's multimedia rights.

The current offer from Playfly was the result of a competitive ITN process and months of work by UCFAA leadership. To arrive at this stage in the process, UCFAA met with and received offers from the largest multimedia rights companies. UCFAA interviewed the firms that submitted proposals and evaluated comparable agreements from across the country. Through this process UCFAA selected Playfly as its multimedia rights partner.

This multimedia rights agreement is groundbreaking for UCF and signifies UCF's media value in the marketplace, and it is validation of our value as an institution and the result of investments made by this Board, university leadership, its students, alumni, central Florida region, State of Florida and Big 12 Conference.



About Playfly Sports

With over twenty years of multimedia rights (MMR) management in collegiate sports, PlayflySports is a full-service sports marketing company operating where sports marketing, media & technology converge. Playfly Sports drives outcome-based solutions for brands reaching approximately 83% of all US sports fans generating over 230bn impressions each year in pro, college, and high school sports. Utilizing the influence and durability of local sports fandom, Playfly Sports exclusive rights in the NBA, NHL, MLB, NCAA, esports, and high school sectors drive value for our local, regional, and national brand partners. Playfly's insights-infused multimedia and tech platforms drive innovation through scaled linear, digital, in-venue, and experiential marketing and engagement assets. Playfly Sports has the unique ability to partner, innovate, and advance the aspirations of athletes, brands, academic institutions, and sports fans across the U.S. Playfly Sports is Igniting Brands through the Love of Fans. Playfly Sports' MMR representation of 24 NCAA clients includes Louisiana State University, Michigan State University, Auburn University, and University of Southern California. www.playfly.com

Recommended Action:

Approve the outline of the multimedia rights deal and authorize the UCF Athletics Association, Inc. to execute the necessary final agreements.

Alternatives to Decision:

Decline approving the structure of the multimedia rights deal.

Fiscal Impact and Source of Funding:

Fiscal impact is guaranteed payments in excess of \$125 million over the 13-year period. Playfly LLC is the contractual source of funding and the multimedia rights partner. In addition, this partnership will include operating and fulfillment expense reduction of approximately \$1 million a year. Playfly LLC is the contractual source of funding and the multimedia rights partner.

Authority for Board of Trustees Action:

Board of Governors Regulation 9.011 University Direct Support Organizations and Health Services Support Organizations

University Regulation UCF-4.034 University Direct Support Organizations, Section (9)

Contract Reviewed/Approved by General Counsel ☐ N/A ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Terry Mohajir, Athletic Director, CEO, UCF Athletics Association, Inc.

Supporting Documentation:

Attachment A: Summary of Multimedia Rights

Facilitators/Presenters:

Terry Mohajir

Jordan Clark, Associate General Counsel

Summary of Multimedia Rights

| | |
|-----------------------------------|--|
| Purpose/Background | <p>UCF Athletics Association, Inc. (UCFAA), is preparing to enter into a multimedia rights agreement with Playfly LLC (Playfly). This rights agreement will provide UCFAA with a vital piece of the necessary resources to compete and win on a national level. The 13-year agreement will provide UCFAA more than \$125 million and this amount is among the largest multimedia rights agreements in the country. This deal signifies another major step forward for UCF and UCF Athletics in the growth of a nationally competitive intercollegiate athletics program. It is also another tangible validation of our value as an institution and the result of investments made by this board, university leadership, its students, alumni and the Central Florida community.</p> <p>In July 2016 after failing to receive a competitive renewal offer UCFAA ended its decade-plus long partnership with IMG. Thereafter, multimedia rights, corporate sponsorship and advertising sales have been managed internally by UCFAA. With more than six years of experience, UCFAA established a track record of success in corporate sponsorships that substantially increased the value of UCFAA's multimedia rights. Without this work and belief in our value and our brand UCFAA would not be in this position today.</p> <p>The current offer from Playfly was the result of a competitive ITN process and months of work by UCFAA leadership. To arrive at this stage in the process, UCFAA met with and received offers from the largest multimedia rights companies. UCFAA interviewed the firms that submitted proposals and evaluated comparable agreements from across the country. Through this thoughtful and deliberative process UCFAA selected Playfly as its multimedia rights partner.</p> |
| Parties | UCF Athletics Association, Inc. and Playfly LLC |
| Term | 13 years, 2022-35. |
| Obligations of UCFAA | During the first three years of the agreement, Playfly agrees to invest \$3,750,000 for capital improvements to be made within UCFAA's competition facilities. In the event UCFAA terminates the agreement early, UCFAA must repay the depreciated value of capital investment payments made by Playfly. |
| Obligations of other party | Financial obligations are approximately \$125 million over 13 years. Playfly shall pay UCFAA annually a guaranteed amount for the right to sell athletic sponsorship and advertising assets related to UCFAA's intercollegiate athletic program. |

Summary of Multimedia Rights

| | |
|---|--|
| Financial terms [redact as trade secret information] | The proposed deal is valued at more than \$125 million over the 13-year term of the agreement. UCFAA shall also receive additional payments if the gross revenue generated by Playfly exceeds a set threshold each year. Playfly shall also make additional investments as part of the agreement (i) contributing \$3,750,000 for capital improvements within the competition facilities; (ii) annually investing at least \$100,000 for marketing purposes; (iii) Playfly absorbs some of UCFAA's current operating expenses (approximately \$750,000 annually). Finally, the parties will have midpoint look-in rights, in 2029, to review the overall performance and market value of the rights. |
| Termination rights | Yes. <ul style="list-style-type: none"> • Mutual termination rights for (i) either party due to a breach by the other party after a cure period or (ii) by mutual consent of the parties |
| Additional terms | N/A |

**Board of Trustees
Special Meeting | July 12, 2022**

BOT-3: Amended and Restated Rights Agreement to License Football Stadium Properties Between the UCF Stadium Corporation and UCF Athletics Association, Inc.

☐ **Information**

☐ **Discussion**

☒ **Action**

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

The UCF Athletics Association (UCFAA), as manager of FBC Mortgage Stadium, proposes to consolidate all athletic media rights within UCFAA. This rights agreement is one piece of a larger plan that will allow UCFAA to operate the athletic sponsorship program more efficiently. The UCF Stadium Corporation Board approved the initial license agreement on December 18, 2019. This revised agreement contains the following changes: (i) the term of the agreement is extended to coincide with the remaining stadium debt term, and begins on July 1, 2022; (ii) the insurance provision has changed to align with the University Risk Management Office providing coverage for the stadium; (iii) the rights fee increases each year over the term and the agreement shall not terminate if UCFAA hires a third party multimedia rights company; and (iv) the assignment provision will allow the rights under this agreement to be assigned or sub-licensed to a third party multimedia rights company. The UCF Stadium Corporation Board of Directors approved the amended agreement on July 7, 2022.

Background Information:

In July 2016, UCFAA ended its decade-plus partnership with IMG, which had purchased the rights to sponsorship inventory in exchange for a guaranteed annual payment. Subsequently, corporate sponsorship and advertising sales have been managed by UCFAA internally. With more than six years of experience, UCFAA established a track record of success that enables it to identify an operating structure that will benefit all parties. The attached Amended and Restated Football Stadium Rights Agreement conveys all the media and sponsorship rights including naming rights in the stadium to UCFAA in exchange for a guaranteed annual payment. The UCF Stadium Corporation benefits by receiving a guaranteed payment, which will provide stability and security to bondholders while also providing some efficiencies when preparing the annual budget.

Recommended Action:

Approve the Amended and Restated Rights Agreement to License Football Stadium Properties Between UCF Stadium Corporation and UCF Athletics Association, Inc.

Alternatives to Decision:

The Board of Trustees may elect to deny or reject the agreement, or it may elect to alter or revise the agreement.

Fiscal Impact and Source of Funding:

Fiscal impact to the UCF Stadium Corporation is a guaranteed revenue source in the amount of \$29,575,000 over the 14-year period. UCFAA is the contractual source of funding with the ultimate source derived from naming rights, corporate sponsorship, and advertising sales.

**Authority for Board of Trustees Action:**

Board of Governors Regulation 9.011

University Regulation UCF-4.034 University Direct Support Organizations, Section (9)

Contract Reviewed/Approved by General Counsel ☒ **N/A** ☐

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Terry Mohajir, Athletic Director, CEO, UCF Athletics Association, Inc.

Supporting Documentation:

Attachment A: Amended and Restated Rights Agreement to License Football Stadium Properties Agreement Between UCF Stadium Corporation and UCF Athletics Association, Inc Contract Summary

Attachment B: Amended and Restated Rights Agreement to License Football Stadium Properties Agreement Between UCF Stadium Corporation and UCF Athletics Association, Inc

Facilitators/Presenters:

Terry Mohajir, Athletic Director, CEO, UCF Athletics Association, Inc.

Terry Donovan, Senior Executive Associate Athletics Director, Chief Financial Officer

Jordan Clark, Associate General Counsel, University of Central Florida

Summary of Agreement

**FIRST AMENDED AND RESTATED RIGHTS AGREEMENT
TO LICENSE FOOTBALL STADIUM PROPERTIES**

| | | |
|-----------------------------------|---|---------------------------|
| Purpose/Background | This board approved this initial agreement on December 18, 2019. This revised agreement contains a couple noteworthy changes, (i) the term of the agreement is extended to coincide with the remaining stadium debt term, and begins on July 1, 2022; (ii) the insurance provision is changed to align with the University Risk Management Office providing coverage for the stadium; (iii) the rights fee increases each year over the term and the agreement shall not terminate if UCFAA hires a third party multimedia rights company; and (iv) the assignment provision will allow the rights under this agreement to be assigned or sub-licensed to a third party multimedia rights company. | |
| | In July 2016, UCFAA ended its decade-plus long partnership with IMG who has purchased the rights to sponsorship inventory in exchange for a guaranteed annual payment. Subsequently, corporate sponsorship and advertising sales have been managed by UCFAA internally. With more than six years of experience UCFAA established a track record of success that enables it to identify an operating structure that will benefit all parties. This is part of a larger plan consolidate all athletic media rights within UCFAA that will streamline negotiations with third party multimedia rights partners. The attached amended and restated football stadium rights agreement conveys all the media and sponsorship and naming rights in the stadium to UCFAA in exchange for a guaranteed annual payment. UCF Stadium Corporation benefits by receiving a guaranteed payment, which will provide stability and security to bondholders while also providing some efficiencies when preparing the annual budget. | |
| Parties | UCF Athletics Association, Inc. and UCF Stadium Corporation | |
| Term | 14 years, 2022-36 | |
| Obligations of UCF | Financial obligations are approximately \$29,575,000 million over 14 years. | |
| Obligations of other party | UCFAA shall use the sponsorship and advertising assets of the football stadium as part of UCFAA’s athletic sponsorship program in exchange for the guaranteed payments. | |
| Financial terms | <u>License Agreement Year</u> | <u>Guaranteed Royalty</u> |
| | 2022/23 | \$1,950,000 |
| | 2023/24 | \$1,975,000 |
| | 2024/25 | \$2,000,000 |
| | 2025/26 | \$2,025,000 |
| | 2026/27 | \$2,050,000 |
| | 2027/28 | \$2,075,000 |
| | 2028/29 | \$2,100,000 |
| | 2029/30 | \$2,125,000 |
| | 2030/31 | \$2,150,000 |
| | 2031/32 | \$2,175,000 |
| | 2032/33 | \$2,200,000 |
| | 2033/34 | \$2,225,000 |
| | 2034/35 | \$2,250,000 |
| | 2035/36 | \$2,275,000 |
| Termination rights | Yes <ul style="list-style-type: none">• for cause after 30-day cure period• by mutual consent of the parties | |
| Additional terms | N/A | |
| Link to agreement | Click here to view contract | |

**AMENDED AND RESTATED RIGHTS AGREEMENT TO LICENSE FOOTBALL
STADIUM PROPERTIES**

This Amended and Restated License Agreement (this "**Agreement**") is made effective as of the 1st day of July, 2022 by and between **UCF Athletics Association, Inc.**, certified as a direct support organization by The University Of Central Florida Board of Trustees ("**University**" or "**UCF**"), and a Florida not for profit corporation under the laws of the State of Florida ("**UCFAA**" or "**Licensee**") and **UCF Stadium Corporation**, certified as a direct support organization by the University and a Florida not-for-profit corporation, organized under the laws of the State of Florida ("**STADIUM CORP.**" or "**Licensor**").

RECITALS

WHEREAS, STADIUM CORP. has caused to be issued \$33,995,000 Refunding Revenue Bonds, Series 2015A (the "Series 2015A Bonds"), its \$10,250,000 Refunding Revenue Bonds, Series 2015B (the "Series 2015B Bonds") and its \$3,810,000 Revenue Bond, Series 2015C (the "Series 2015C Bond," which together with the Series 2015A Bonds and the Series 2015B Bonds are collectively referred to as the Series 2015 Bonds all pursuant to the terms and provisions of a Trust Indenture dated as of December 1, 2015 (the "Indenture") between the Corporation and the trustee named therein (the "Trustee"), the proceeds of which were used to finance a portion of the costs of the acquisition, construction and installation of the facility known as UCF Football Stadium (the "Football Stadium") the construction and installation of the Wayne Densch Center for Student-Athlete Leadership and office suites for the NCAA compliance staff, athletics student-services, and academic services (the "Wayne Densch Center" and together with the Football Stadium (the "Facilities"); and

WHEREAS, UCFAA has performed marketing and selling media sponsorships related to the university's intercollegiate athletic teams with proceeds of sponsorships used to benefit UCF and related entities; and

WHEREAS, UCFAA currently manages the Football Stadium pursuant to the terms of the Amended and Restated Management and Use Agreement (this "Agreement") dated as of December 1, 2015 by and between STADIUM CORP. and UCFAA

WHEREAS, currently the Facilities currently generate revenues from the sale of suites, loge and club seats ("Premium Seating"), as well as the sale of naming rights ("Naming Rights") and other sponsorship and advertising opportunities which revenues have been pledged by STADIUM CORP. to the Trustee to secure STADIUM CORP'S obligation under the Indenture and are considered Pledged Revenues under the Indenture; and

WHEREAS, STADIUM CORP. desires to maximize the benefit from the sale of sponsorship and advertising opportunities, maximize the sale of Premium Seating and Naming Rights (collectively, "Licensed Activities"); and

WHEREAS, Licensee acknowledges and agrees that all proceeds received by Licensee from Licensed Activities remaining subject to the lien of the Indenture.

NOW THEREFORE, for and in consideration of the foregoing, the mutual covenants and promises hereinafter set forth and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, hereby agree as follows:

ARTICLE I. DEFINITIONS

- 1.01 "Fund Raising Agreement" means the Fund-Raising Agreement dated December 1, 2015 by the between The University of Central Florida Foundation and Licensee, as may be amended and supplemented from time to time.
- 1.02 In-kind revenues" means all collected non-cash revenues of Licensee that are received as a result of any exploitation of the Licensed Properties.
- 1.03 "Intolerable breach" means a breach of this License Agreement by either Licensee or STADIUM CORP., which exposes the other party to immediate and irreparable harm of a material nature.
- 1.04 "License" means the right to exploit naming, marketing, advertising, sponsorship and similar opportunities with respect to the Licensed Properties in accordance with this License Agreement.
- 1.05 "Licensed Properties" means the properties more specifically described in Exhibit A Stadium Sponsorship and Advertising which is attached hereto.
- 1.06 "License Agreement Year" means a 12-month period beginning on July 1, and each anniversary thereof, and ending on June 30, and each anniversary thereof, during the term of this License Agreement.
- 1.07 "Operating Agreement" means the Operating Agreement dated as of June 1, 2015 by and between the University and STADIUM CORP.

ARTICLE II. LEGAL STATUS, AUTHORITY AND WARRANTY BY EACH PARTY

2.01 The parties represent and warrant that each has the authority to enter into this License Agreement and grant the rights and licenses and fulfill the obligations contained herein, and that the affixed signature or signatures on this License Agreement are by representatives of each party who are duly authorized.

2.02 Licensee represents that it is in good standing and is authorized to do business in the State of Florida. UCFAA represents that it is a certified direct support organization of UCF.

2.03 Licensors represent that it is in good standing and is authorized to do business in the State of Florida. STADIUM CORP represents that it is a certified direct support organization of UCF. Licensors further represent that it will cooperate with Licensee and agrees to perform any further acts, and to execute and deliver any documents which may be reasonably necessary for Licensee to carry out the provisions of this Agreement.

ARTICLE III. TERM OF THE LICENSE AGREEMENT AND RENEWALS

3.01 The term of this License Agreement is from July 1, 2022 until June 30, 2036. This agreement may be extended by mutual written consent of the parties.

3.02 In the event that UCFAA elects to outsource and use a third-party entity (such as PlayFly/Learfield) to sell sponsorship services this Agreement or the applicable license rights contained herein may be sub-licensed to the third-party multimedia rights holder.

3.03 In the event that either party to this agreement is decertified by UCF as a direct support organization this agreement shall terminate.

ARTICLE IV. GRANT OF LICENSE

4.01 STADIUM CORP., as licensor, grants to Licensee a worldwide license to the Licensed Properties. In connection with the performance of this Agreement, Licensee shall adhere and follow all applicable University of Central Florida and Florida Board of Governors regulations, policies, and guidelines.

4.02 STADIUM CORP. grants to Licensee a non-exclusive license to use and publish the name, marks, symbols and photographs of the Stadium in the exploitation of the license granted in 4.01, but only as expressly authorized by STADIUM CORP., and subject to any existing stadium naming rights agreement. Notwithstanding the foregoing, subject to applicable law and regulations, Licensee may use the trademarks and other indicia, including any new indicia adopted, used and approved, of the Facilities at no charge for occasions defined in this Agreement. Licensee must receive STADIUM CORP.'s prior written approval to utilize the Stadium's trademarks and other indicia, at no charge, for occasions not defined in this agreement and for any instances in which trademarks and other indicia shall be utilized by a third party, which approval shall not be unreasonably withheld. Electronic Mail ("E-mail") from a duly authorized STADIUM CORP. signatory shall be an acceptable form of written approval.

4.03 Licensee's rights hereunder apply to all events held in the Facilities other than events or activities conducted by the University.

4.04 Licensee acknowledges that STADIUM CORP. currently has a naming rights agreement with FBC Mortgage ("FBC Mortgage") and that the naming rights agreement (the FBC Naming Rights Agreement grants FBC Mortgage specific rights and

it also includes negative covenants that restrict STADIUM CORP. rights in the Football Stadium. Licensee agrees that it shall not violate the FBC Naming Rights Agreement nor infringe on any rights of FBC Mortgage in the licensing or exploitation or promotion of the Football Stadium. Licensee shall act as STADIUM CORP.'s agent in administering and managing the stadium naming rights agreement or any future agreements. Further, Licensee shall fulfill of STADIUM CORP.'s obligations under the FBC Naming Rights Agreement. Licensee agrees to indemnify and hold harmless STADIUM CORP. and its officers, agents and employees, from and against any judgments, damages, costs and expenses, including lost business or lost profits, and including reasonable attorney's fees, from any claim, action or proceeding arising out of the UCFAA's breach of the FBC Naming Rights Agreement.

Licensee is expressly authorized, upon expiration of the FBC Naming Rights Agreement, to enter into future naming rights agreements in accordance with University facility naming requirements and subject to the University's prior written approval. In exchange for these services, Licensee shall receive and retain the proceeds from the naming rights agreements that exist during the term of this Agreement. Licensee agrees to indemnify and hold harmless STADIUM CORP. and its officers, agents and employees, from and against any judgments, damages, costs and expenses, including lost business or lost profits, and including reasonable attorney's fees, from any claim, action or proceeding arising out of the UCFAA's breach of any naming rights agreement.

4.05 Prior to entering into any naming rights agreement providing for the return of fair market value in consideration for the payments being made, which is considered private business use of the Facilities financed by STADIUM CORP. with proceeds of a tax-exempt obligation UCFAA shall consult with the University's bond counsel and University Treasurer to determine if entering into the proposed agreement requires any remedial action related to the outstanding tax-exempt obligations.

In the event that, UCFAA's actions under this Agreement exceed the private business use safe harbor thresholds for tax exempt bonds, UCFAA shall cooperate with the University's bond counsel and University Treasurer regarding any remediation action that must be taken to correct any excessive private business use and preserve the tax-exempt status of those bonds. The Parties shall cooperate to fully and timely fund any remediation or defeasance actions necessary to preserve the tax-exempt status of those bonds.

ARTICLE V. RELATIONSHIP OF THE PARTIES

5.01 Licensee is not an employee or agent of STADIUM CORP. Licensee will conduct the business of exploiting the Licensed Properties in such manner as it deems advisable, and STADIUM CORP. will not exert or attempt to exert any business control or supervision over Licensee with regard to the manner in which the business is conducted, nor will STADIUM CORP. issue any detailed work orders or instructions. STADIUM CORP. will not have the right to prescribe the number of hours that Licensee must devote to activities with respect to the License.

5.02 Licensee is an independent contractor and does not have the authority to obligate or bind STADIUM CORP. in any manner, except as expressly set forth herein and related to the exploitation of advertising, sponsorship, and multi-media rights. Licensee will take appropriate steps to inform all relevant third parties of its independent contractor status.

5.03 Licensee may use the trademarks and other indicia, including any new indicia adopted, used and approved by the University or STADIUM CORP. at no charge on Licensee letterhead, business cards, presentations, promotional merchandise and apparel with the consent of STADIUM CORP., which consent shall not be unreasonably withheld. All payments for use of such trademarks and other indicia are included in the payment of royalty described in Article VI. This grant of license does not assign, nor provide, prior approval for the use of trademarks in merchandise or retail sales.

5.04 Subject to the provisions of section 5.03, Licensee acknowledges that the Licensed Properties and all trademarks and other indicia associated therewith, including any new indicia adopted, used and approved for use by STADIUM CORP., are the property of STADIUM CORP. and that the License does not transfer ownership to Licensee. Licensee's rights in the Licensed Properties are limited to those specifically granted under this License Agreement and any amendments hereto. Licensee will not at any time contest the validity of STADIUM CORP.'s trademarks or other indicia or seek to file any trademark application with respect to any indicia associated with STADIUM CORP.

5.05 The grant of this License extends only to the use of the Licensed Properties in a manner which is reasonably expected to conform to the highest standards applicable, and in a manner, which is reasonably expected to preserve and enhance the reputation of the Stadium and STADIUM CORP. Licensee, in the exploitation of the Licensed Properties, shall also conform to all applicable production value standards to which UCF and STADIUM CORP. are bound (e.g. American Athletic Conference, NCAA, conference television agreements, etc.).

ARTICLE VI. PAYMENT OF ROYALTY

6.01 Licensee will pay STADIUM CORP. an annual royalty each License Agreement Year.

| <u>License Agreement Year</u> | <u>Guaranteed Royalty</u> |
|-------------------------------|---------------------------|
| 2022/23 | \$1,950,000 |
| 2023/24 | \$1,975,000 |
| 2024/25 | \$2,000,000 |
| 2025/26 | \$2,025,000 |
| 2026/27 | \$2,050,000 |
| 2027/28 | \$2,075,000 |

| | |
|---------|-------------|
| 2028/29 | \$2,100,000 |
| 2029/30 | \$2,125,000 |
| 2030/31 | \$2,150,000 |
| 2031/32 | \$2,175,000 |
| 2032/33 | \$2,200,000 |
| 2033/34 | \$2,225,000 |
| 2034/35 | \$2,250,000 |
| 2035/36 | \$2,275,000 |

The annual payment has an escalator to address inflationary and other costs of maintaining the STADIUM CORP.'s properties over the life of the Agreement. Based upon the age of the Facilities and increased use of the Facilities, maintaining the Facilities is a material consideration within this Agreement. The annual royalty payment will be paid 60% on or before January 31, with the remaining balance paid on or before June 15 of each License Agreement Year.

6.02 Licensee may solicit in-kind revenues from exploitation of the Licensed Properties.

6.03 Licensee acknowledges that its rights to retain revenues from the Licensing Activities described herein is subject to STADIUM CORP.'s obligations under the Indenture. Upon notice from the Trustee that Pledged Revenues are insufficient to pay debt service on the Series 2015 Bonds Licensee shall transfer to Trustee all Pledged Revenues in its possession to the Trustee for deposit into the Revenue Fund, as defined in the Indenture.

ARTICLE VII. PERFORMANCE OF LICENSEE

7.01 Licensee will use its best efforts to exploit fully each and every Licensed Property identified in Exhibit A.

ARTICLE VIII. CONTROLLING LAW

8.01 The laws of the State of Florida govern this License Agreement.

ARTICLE IX. FAILURE TO OBJECT NOT A WAIVER

9.01 The failure of a party to object to or act upon a breach of this License Agreement by the other party is not a waiver of that breach or any future breach.

ARTICLE X. LEGAL CONSIDERATION

10.01 If any of the provisions of this License Agreement are held to be invalid, illegal or unenforceable, the invalidity or unenforceability will not affect any other provision of this License Agreement, which will be construed as if the invalid, illegal or unenforceable provision had never been part thereof.

ARTICLE XI. BREACH AND OPPORTUNITY TO CURE; TERMINATION

11.01 Except with respect to an intolerable breach, if either party believes the other has failed to perform any of the material obligations of this License Agreement, that party will deliver a written notice of the failure to the other party and provide a reasonable opportunity of not less than 30 days to cure the default prior to declaring a breach and termination or seeking other remedy.

11.02 If either party commits an intolerable breach of this License Agreement, the other party may, in its sole discretion, declare this License Agreement to be breached and terminated without waiving any of its rights under this License Agreement.

ARTICLE XII. INDEMNITY

12.01 Each party agrees to the limited amount permitted under Florida Statute 768.28 regarding sovereign entity tort liability, that it shall indemnify and hold harmless the other party and its trustees, officers, agents and employees, from and against any judgments, damages, costs and expenses, including lost business or lost profits, and including reasonable attorney's fees, from any claim, action or proceeding arising out of the other party's negligent acts or omissions in the performance of this Agreement. UCFAA and STADIUM CORP. state that nothing contained herein shall be construed or interpreted as (i) denying to either party any remedy or defense available to such party under the laws of the State of Florida; (ii) the consent of the State of Florida or its agents and agencies to be sued; (iii) a waiver of sovereign immunity of the State of Florida beyond waiver provided in Section 768.28, Florida Statutes.

ARTICLE XIII. SUB-LICENSES

13.01 This License Agreement is not assignable by either party, in whole or in part without the prior written consent of the parties, except as provided in Section 3.02 of this Agreement. Licensee may utilize sub-contractors in the discharge of its responsibilities.

13.02 In the exploitation of the Licensed Properties, Licensee may utilize the services of outside or independent contractor to assist with fulfillment deliverables.

ARTICLE XIV. RIGHT TO INSPECT RECORDS OF LICENSEE

14.01 STADIUM CORP., the University and the Trustee may review and inspect Licensee's financial records relative to the exploitation of the Licensed Properties during normal business hours upon reasonable prior notice. Licensee will make available during these inspections all relevant records with respect to the computation of royalties and total annual revenues. Should STADIUM CORP., the University or the Trustee elect to audit Licensee's relevant financial records, it shall be done at STADIUM CORP.'s

expense and Licensee agrees to fully cooperate with the conduct of any such audit and provide the auditors with all requested documents.

14.02 Notwithstanding the provisions of 14.01, Licensee will provide to STADIUM CORP., within thirty (30) days of execution, each licensing/sponsorship agreement in its entirety that concerns the Facilities as well as any electronic, social or broadcast licensing that may occur at the Licensed Properties.

ARTICLE XV. NOTICES

15.01 All notices given under this License Agreement will be in writing and dispatched by registered or certified mail, return receipt requested, and addressed to the party to be notified at its address (or email address) set forth below. The notices will be deemed given when received. Notice to STADIUM CORP. and Licensee will be addressed as follows unless changed in writing by notice to the other party:

STADIUM CORP.: UCF Stadium Corporation
 ATTN: Gerald Hector
 Board Chair
 P.O. Box 160015
 Orlando, FL 32816
 Gerald.Hector@ucf.edu

With a copy to: UCF Stadium Corporation
 ATTN: Terry Donovan
 Executive Associate Athletics Director | Chief Financial Officer
 4192 North Orion Boulevard
 Orlando FL 32816
 tdonovan@athletics.ucf.edu

LICENSEE: UCFAA
 ATTN: Terry Mohajir
 Athletics Director | Chief Executive Officer
 4192 North Orion Boulevard
 Orlando, FL 32816
 tmohajir@athletics.ucf.edu

With a copy to: UCFAA
 ATTN: Terry Donovan
 Executive Associate Athletics Director | Chief Financial Officer
 4192 North Orion Boulevard
 Orlando FL 32816
 tdonovan@athletics.ucf.edu

ARTICLE XI. ENTIRE AGREEMENT

16.01 This License Agreement including all exhibits and appendices, the Fund Raising Agreement, the Management Agreement and the Indenture, contains the entire agreement of the parties with respect to its subject matter. No representations have been made or relied on by either party, other than those expressly provided for. No agent, employee, or other representative of either party is empowered to alter any of its terms, unless done in writing and signed by an authorized officer or agent of the appropriate party.

[signatures on the following page]

IN WITNESS WHEREOF the parties have caused this Agreement to be executed by an authorized representative and effective as of July 1, 2022.

UCF Stadium Corporation

By: Gerald Hector
Title: Chair, UCF Stadium Corporation

UCF Athletics Association, Inc.

By: Terry Mohajir
Title: Athletic Director | Chief Executive Officer

EXHIBIT A.

STADIUM SPONSORSHIP AND ADVERTISING

A.1.01 **Description of Properties** - STADIUM CORP. operates the UCF Football Stadium, the Garvey Center for Student-Athlete Nutrition, Wayne Densch Center for Student Athlete Leadership (collectively, the Facilities"). The Facilities have one or more components which may be used for advertising and sponsorship purposes.

The sponsorship and advertising components of the Facilities include, but may not be limited to, the following:

- (a) Message center displays
- (b) All permanent, temporary and LED/digital signage and displays
- (c) Plastic souvenir stadium cups and concession containers
- (d) All scoreboards, video boards and signage (LED/digital as well as temporary and permanent)
- (e) Branded vending, as opportunity is presented (concession signage)
- (f) Temporary signage (banners and light generated images)
- (g) Concourse signage
- (h) Team entry ways signage
- (i) Goal Post pads, goal post netting
- (j) Playing surface logo opportunities
- (k) Product displays at UCF athletic events and non-UCF athletic events as approved by STADIUM CORP.
- (l) Sampling, couponing and free product distribution at UCF athletic events and non-UCF athletic events as approved by STADIUM CORP.
- (m) Stadium cup holders
- (n) Television, radio and internet broadcasting of UCF Athletic events held at the Stadium
- (o) Suite entitlement/ branding as part of sponsorship package (based on availability)
- (p) Social media engagement (depends on sponsorship level)
- (q) Naming opportunities for any areas or buildings located within the footprint (e.g. stadium, premium seating areas, lobbies, entry gates, etc.)

The parties recognize that some components listed above may not be in use for all events and that STADIUM CORP. and Licensee will continually seek opportunities to expand the Licensed Properties inventory offerings as part of this Agreement.

The parties agree that the following sponsorship categories are excluded from the licensed rights and Licensee shall adhere to the terms of these agreements:

- (a) Existing Pouring Rights' inventory listed in A.3.01.03 below
- (b) Existing Apparel Partner rights inventory listed in A.3.01.03 below
- (c) Other future University of Central Florida campus-wide exclusive agreements

A.2.01 **Rights Licensed** An exclusive license is granted to sell current and future advertising and sponsorship locations in and around the Stadium at all locations designated in paragraph 1.01 of this exhibit.

A.3.01 Licensee Obligations

- A.3.01.01 Licensee is responsible for soliciting all advertising sales, securing advertising copy, and collecting all advertising receipts. Licensee is responsible for producing all new advertising displays for insertion into, or on, Stadium advertising equipment.
- A.3.01.02 Licensee will promote upcoming STADIUM CORP. (Stadium) concerts, games and events during media spots, coaches' shows and live broadcasts.
- A.3.01.03 Licensee will honor the existing and future campus exclusive agreements which will be updated from time to time as new agreements maybe signed. Licensee shall receive reasonable time to comply with new exclusive agreements.
- A.3.01.04 Licensee will be responsible for operating and maintaining in good working order all Stadium advertising equipment. Licensee will also replace or repair any damaged advertising displays owned or controlled by STADIUM CORP.
- A.3.01.05 Licensee will be responsible for all costs related to exploiting the rights granted under this Agreement.

A.4.01 STADIUM CORP. Obligations

- A.4.01.01 STADIUM CORP. will display all signage and allow Licensee to fulfill all promotional elements sold by Licensee at all events. For non-UCF events those participants and their respective promoters or sponsors may be allowed to display their signage for their respective events, although it may conflict with existing Licensee relationships (for example, Coke contractually allows Pepsi exposure when Pepsi is a sponsor of an event at the Stadium). Notwithstanding, this signage will not interfere or cover existing permanent signage.

**Board of Trustees
Special Meeting | July 12, 2022**

BOT-4: Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCF Athletics Association, Inc.

☐ Information☐ Discussion☒ Action

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

The UCF Athletics Association (UCFAA), as manager of the arena, proposes to consolidate all athletic media rights within UCFAA. This rights agreement is one piece of a larger plan that will allow UCFAA to operate the athletic sponsorship program more efficiently. This agreement contains the following changes: (i) the term of the agreement is extended to coincide with the remaining arena debt term and begins on July 1, 2022; (ii) the rights fee increases each year over the term, and the agreement shall not terminate if UCFAA hires a third-party multimedia rights company; and (iii) the assignment provision will allow the rights under this agreement to be assigned or sub-licensed to a third-party multimedia rights company. The UCF Convocation Corporation Board of Directors approved the agreement on July 7, 2022.

Background Information:

In July 2016, UCFAA ended its decade-plus long partnership with IMG, which had purchased the rights to sponsorship inventory in exchange for a guaranteed annual payment. Subsequently, corporate sponsorship and advertising sales have been managed by UCFAA internally. With more than six years of experience, UCFAA established a track record of success that enables it to identify an operating structure that will benefit all parties. The attached License Agreement conveys all the media and sponsorship rights including naming rights in the arena to UCFAA in exchange for a guaranteed annual payment. The UCF Convocation Corporation benefits by receiving a guaranteed payment, which will provide stability and security to bondholders while also providing some efficiencies when preparing the annual budget.

Recommended Action:

Approve the Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCF Athletics Association, Inc.

Alternatives to Decision:

The Board of Directors may elect to deny or reject the agreement, or it may elect to alter or revise the agreement.

Fiscal Impact and Source of Funding:

The fiscal impact to the UCF Convocation Corporation is a guaranteed revenue source in the amount of \$15,544,918 over the 14-year period. UCFAA is the contractual source of funding with the ultimate source derived from naming rights, corporate sponsorship, and advertising sales.

**Authority for Board of Trustees Action:**

Board of Governors Regulation 9.011

University Regulation UCF-4.034 University Direct Support Organizations, Section (9)

Contract Reviewed/Approved by General Counsel ☒ N/A ☐

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Terry Mohajir, Athletic Director, CEO, UCF Athletics Association, Inc.

Supporting Documentation:

Attachment A: Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCFAA Contract Summary

Attachment B: Premium Seating and Multimedia Rights License Agreement for Arena Properties between UCF Convocation Corporation and UCFAA.

Facilitators/Presenters:

Terry Mohajir, Athletic Director, CEO, UCF Athletics Association, Inc.

Terry Donovan, Senior Executive Associate Athletics Director, Chief Financial Officer

Jordan Clark, Associate General Counsel, University of Central Florida

Summary of Agreement

**PREMIUM SEATING AND MULTIMEDIA RIGHTS
LICENSE AGREEMENT FOR ARENA PROPERTIES**

| | | |
|-----------------------------------|---|---------------------------|
| Purpose/Background | <p>This revised agreement contains a couple noteworthy items, (i) the term of the agreement is extended to coincide with the remaining arena debt term and begins on July 1, 2022; (ii) the rights fee increases each year over the term and the agreement shall not terminate if UCFAA hires a third-party multimedia rights company; and (iii) the assignment provision will allow the rights under this agreement to be assigned or sub-licensed to a third-party multimedia rights company.</p> <p>In July 2016, UCFAA ended its decade-plus long partnership with IMG who had purchased the rights to sponsorship inventory in exchange for a guaranteed annual payment. Thereafter, corporate sponsorship and advertising sales have been managed by UCFAA internally. With more than six years of experience UCFAA established a track record of success that enables it to identify an operating structure that will benefit all parties. This is part of a larger plan consolidate all athletic media rights within UCFAA that will streamline negotiations with third party multimedia rights partners. The attached license agreement conveys all the media and sponsorship, premium seating inventory, and naming rights in the arena to UCFAA in exchange for a guaranteed annual payment. UCF Convocation Corporation benefits by receiving a guaranteed payment, which will provide stability and security to bondholders while also providing some efficiencies when preparing the annual budget.</p> | |
| Parties | UCF Athletics Association, Inc. and UCF Convocation Corporation | |
| Term | 14 years, 2022-36. | |
| Obligations of UCF | Financial obligations are approximately \$15,544,918 million over 14 years. | |
| Obligations of other party | UCFAA shall use the sponsorship and advertising, premium seating and naming rights assets of the arena as part of UCFAA’s athletic sponsorship program in exchange for the guaranteed payments. | |
| Financial terms | <u>License Agreement Year</u> | <u>Guaranteed Royalty</u> |
| | 2022/23 | \$1,040,000 |
| | 2023/24 | \$1,050,000 |
| | 2024/25 | \$1,060,904 |
| | 2025/26 | \$1,071,513 |
| | 2026/27 | \$1,082,228 |
| | 2027/28 | \$1,093,050 |
| | 2028/29 | \$1,103,981 |
| | 2029/30 | \$1,115,021 |
| | 2030/31 | \$1,126,171 |
| | 2031/32 | \$1,137,433 |
| | 2032/33 | \$1,148,807 |
| | 2033/34 | \$1,160,295 |
| | 2034/35 | \$1,171,898 |
| | 2035/36 | \$1,183,617 |
| Termination rights | Yes. <ul style="list-style-type: none">• for cause after 30-day cure period• by mutual consent of the parties | |
| Additional terms | N/A | |
| Link to agreement | Click here to view contract | |

**PREMIUM SEATING AND
MULTIMEDIA RIGHTS LICENSE AGREEMENT
FOR ARENA PROPERTIES**

This License Agreement (this "**Agreement**") is made effective as of the 1st day of July, 2022 by and between **UCF Athletics Association, Inc.**, certified as a direct support organization by The University Of Central Florida Board of Trustees ("**University or UCF**"), and a Florida not for profit corporation under the laws of the State of Florida ("**UCFAA or Licensee**") and **UCF Convocation Corporation**, certified as a direct support organization by the University and a Florida not-for-profit corporation, organized under the laws of the State of Florida ("**CONVOCATION CORP**" or "**Licensors**").

RECITALS

WHEREAS, CONVOCATION CORP. has caused to be issued its UCF Convocation Corporation Refunding Revenue Bonds, Series 2015A (the "Series 2015A Bonds") and its UCF Convocation Corporation Taxable Refunding Revenue Bonds, Series 2015B (the "Series 2015B Bonds" and together with the Series 2015A Bonds, the "**Series 2015 Bonds**") pursuant to the terms and provisions of the Trust Indenture dated as of July 1, 2015 (the "**Indenture**") between the Corporation and U.S. Bank National Association, as trustee (the "**Trustee**") the proceeds of which were used to finance a portion of the costs of the acquisition, construction and installation of the facility known as the "Arena" with an attached volleyball competition facility known as the "Venue" and also to finance certain renovations of the original arena including converting existing space to office space for coaching staff and renovation of the space to accommodate new practice facilities, each located on the campus of the University (collectively, the "Facilities"); and

WHEREAS, UCFAA has performed marketing and selling media sponsorships related to the university's intercollegiate athletic teams with proceeds of sponsorships used to benefit UCFAA and UCF related entities; and

WHEREAS, CONVOCATION CORP. controls the Facilities which currently generates revenues from the sale of suites, loge and club seats ("Premium Seating"), as well as the sale of naming rights ("Naming Rights") and other sponsorship and advertising opportunities which revenues have been pledged by CONVOCATION CORP. to the Trustee to secure CONVOCATION CORP'S obligation under the Indenture and are considered Pledged Revenues under the Indenture; and

WHEREAS, CONVOCATION CORP. desires to maximize the benefit from the sale of sponsorship and advertising opportunities, maximize the sale of Premium Seating and Naming Rights (collectively, "Licensed Activities") and desires to grant Licensee, and Licensee desire to accept a license to exploit those rights; and

WHEREAS, Licensee acknowledges and agrees that all proceeds received by Licensee from Licensed Activities remaining subject to the lien of the Indenture.

NOW THEREFORE, for and in consideration of the foregoing, the mutual covenants and promises hereinafter set forth and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, hereby agree as follows:

ARTICLE I. DEFINITIONS

- 1.01 "Fund Raising Agreement" means the Fund-Raising Agreement dated June 1, 2015 by the between the University, CONVOCATION CORP. and Licensee, as may be amended and supplemented from time to time.
- 1.02 "In-kind revenues" means all collected non-cash revenues of Licensee that are received as a result of any exploitation of the Licensed Properties.
- 1.03 "Intolerable breach" means a breach of this License Agreement by either Licensee or CONVOCATION CORP., which exposes the other party to immediate and irreparable harm of a material nature.
- 1.04 "License" means the right to exploit marketing, advertising, sponsorship, sale of Premium Seating and Naming Rights and similar opportunities with respect to the Licensed Properties in accordance with this License Agreement.
- 1.05 "Licensed Properties" means the properties more specifically described in Exhibit A Arena Sponsorship and Advertising which is attached hereto and includes the Facilities.
- 1.06 "License Agreement Year" means a 12-month period beginning on July 1, and each anniversary thereof, and ending on June 30, and each anniversary thereof, during the term of this License Agreement.
- 1.07 "Operating Agreement" means the Operating Agreement dated as of June 1, 2015 by and between the University and CONVOCATION CORP.

ARTICLE II. LEGAL STATUS, AUTHORITY AND WARRANTY BY EACH PARTY

2.01 The parties represent and warrant that each has the authority to enter into this License Agreement and grant the rights and licenses and fulfill the obligations contained herein, and that the affixed signature or signatures on this License Agreement are by representatives of each party who are duly authorized.

2.02 Licensee represents that it is in good standing and is authorized to do business in the State of Florida. UCFAA represents that it is a certified direct support organization of UCF.

2.03 Licensors represent that it is in good standing and is authorized to do business in the State of Florida. CONVOCATION CORP. represents that it is a certified direct support organization of UCF. Licensors further represent that it will cooperate with Licensee and agrees to perform any further acts, and to execute and deliver any

documents which may be reasonably necessary for Licensee to carry out the provisions of this Agreement.

ARTICLE III. TERM OF THE LICENSE AGREEMENT AND RENEWALS

3.01 The term of this License Agreement is from July 1, 2022 until June 30, 2036. This agreement may be extended by mutual written consent of the parties.

3.02 In the event that UCFAA elects to outsource and use a third-party entity (such as PlayFly/Learfield) to sell sponsorship services this Agreement or the applicable license rights contained herein may be sub-licensed to the third-party multimedia rights holder.

3.03 In the event that either party to this agreement is decertified by UCF as a direct support organization this agreement shall terminate.

ARTICLE IV. GRANT OF LICENSE

4.01 CONVOCATION CORP., as licensor, grants to Licensee a worldwide license to the Licensed Properties to License. CONVOCATION CORP., as licensor, grants to Licensee the right to sell all Premium Seating areas in the Arena. In connection with the performance of this Agreement, Licensee shall adhere and follow all applicable University and Florida Board of Governors regulations, policies, and guidelines.

4.02 CONVOCATION CORP. grants to Licensee a non-exclusive license to use and publish the name, marks, symbols and photographs of the Arena in the exploitation of the license granted in 4.01, but only as expressly authorized by CONVOCATION CORP., and subject to any existing Arena naming rights agreement ("Naming Rights Agreement"). Notwithstanding the foregoing, subject to applicable law and regulations, Licensee may use the trademarks and other indicia, including any new indicia adopted and used and approved by CONVOCATION CORP., of the Facilities at no charge for occasions defined in this Agreement. Electronic Mail ("E-mail") from a duly authorized CONVOCATION CORP. signatory shall be an acceptable form of written approval.

4.03 Licensee's rights hereunder apply to all events held in the Arena other than events or activities conducted by the University.

4.04 Licensee acknowledges that CONVOCATION CORP. currently has a naming rights agreement with Addition Financial Federal Credit Union ("AFFCU") (the "AFFCU Naming Rights Agreement") and that the AFFCU Naming Rights Agreement grants AFFCU specific rights, and it also includes negative covenants that restrict CONVOCATION CORP.'s rights in the Arena. Licensee agrees that it shall not violate the AFFCU Naming Rights Agreement nor infringe on any rights of the naming partner in the licensing or exploitation or promotion of the Licensed Properties. Licensee shall act as CONVOCATION CORP.'s agent in administering and managing the AFFCU Arena

Naming Rights Agreement. Further, Licensee shall fulfill all of CONVOCATION CORP.'s obligations under the AFFCU Arena Naming Rights Agreement.

Licensee is expressly authorized, upon expiration of the AFFCU Naming Rights Agreement, to enter into future naming rights agreements in accordance with University facility naming requirements and subject to the University's prior written approval. In exchange for these services, Licensee shall receive and retain the proceeds from the naming rights agreements that exist during the term of this Agreement. Licensee agrees to indemnify and hold harmless CONVOCATION CORP. and its officers, agents and employees, from and against any judgments, damages, costs and expenses, including lost business or lost profits, and including reasonable attorney's fees, from any claim, action or proceeding arising out of the UCFAA's breach of any naming rights agreement including the AFFCU Arena Naming Rights Agreement.

4.05 Prior to entering into any naming rights agreement providing for the return of fair market value in consideration for the payments being made, which is considered private business use of the Facilities or any other facility financed by CONVOCATION CORP. with proceeds of a tax exempt obligation UCFAA shall consult with the University's bond counsel and University Treasurer to determine if entering into the proposed naming rights agreement requires any remedial action related to the outstanding Series 2015 Bonds or any obligations hereafter issued by CONVOCATION CORP. secured by the Pledged Revenues.

In the event that UCFAA's actions under this Agreement exceed the private business use safe harbor thresholds for tax exempt bonds, UCFAA shall cooperate with the University's bond counsel and University Treasurer regarding any remediation action that must be taken to correct any excessive private business use and preserve the tax-exempt status of those bonds. The Parties shall cooperate to fully and timely fund any remediation or defeasance actions necessary to preserve the tax-exempt status of those bonds.

ARTICLE V. RELATIONSHIP OF THE PARTIES

5.01 Licensee is not an employee of CONVOCATION CORP. Licensee will conduct the business of exploiting the Licensed Properties in such manner as it deems advisable, and CONVOCATION CORP. will not exert or attempt to exert any business control or supervision over Licensee with regard to the manner in which the business is conducted, nor will CONVOCATION CORP. issue any detailed work orders or instructions. CONVOCATION CORP. will not have the right to prescribe the number of hours that Licensee must devote to activities with respect to the License.

5.02 Licensee is an independent contractor and does not have the authority to obligate or bind CONVOCATION CORP. in any manner, except as expressly set forth herein and related to the exploitation of advertising, sponsorship, naming rights, and multi-media rights. Licensee will take appropriate steps to inform all relevant third parties of its independent contractor status.

5.03 Licensee may use the trademarks and other indicia, including any new indicia adopted, used and approved by CONVOCATION CORP. of the Facilities at no charge on Licensee letterhead, business cards, presentations, promotional merchandise and apparel with the consent of CONVOCATION CORP., which consent shall not be unreasonably withheld. All payments for use of such trademarks and other indicia are included in the payment of royalty described in Article VI. This grant of license does not assign, nor provide, prior approval for the use of trademarks in merchandise or retail sales.

5.04 Subject to the provisions of section 5.03, Licensee acknowledges that the Licensed Properties and all trademarks and other indicia associated therewith, including any new indicia adopted, used and approved for use by CONVOCATION CORP., are the property of CONVOCATION CORP. and that the License does not transfer ownership to Licensee. Licensee's rights in the Licensed Properties are limited to those specifically granted under this License Agreement and any amendments hereto. Licensee will not at any time contest the validity of CONVOCATION CORP.'s trademarks or other indicia or seek to file any trademark application with respect to any indicia associated with CONVOCATION CORP.

5.05 The grant of this License extends only to the use of the Licensed Properties in a manner which is reasonably expected to conform to the highest standards applicable, and in a manner, which is reasonably expected to preserve and enhance the reputation of the Arena and CONVOCATION CORP. Licensee, in the exploitation of the Licensed Properties, shall also conform to all applicable production value standards to which UCF and CONVOCATION CORP. are bound (e.g. American Athletic Conference, Big Twelve Conference, NCAA, conference television agreements, etc.).

ARTICLE VI. PAYMENT OF ROYALTY

6.01 In exchange for the rights granted herein Licensee will pay CONVOCATION CORP. an annual royalty each License Agreement Year.

| <u>License Agreement Year</u> | <u>Guaranteed Royalty</u> |
|-------------------------------|---------------------------|
| 2022/23 | \$1,040,000 |
| 2023/24 | \$1,050,000 |
| 2024/25 | \$1,060,904 |
| 2025/26 | \$1,071,513 |
| 2026/27 | \$1,082,228 |
| 2027/28 | \$1,093,050 |
| 2028/29 | \$1,103,981 |
| 2029/30 | \$1,115,021 |
| 2030/31 | \$1,126,171 |
| 2031/32 | \$1,137,433 |
| 2032/33 | \$1,148,807 |

| | |
|---------|-------------|
| 2033/34 | \$1,160,295 |
| 2034/35 | \$1,171,898 |
| 2035/36 | \$1,183,617 |

The annual payment has a 1% escalator to address inflationary and other costs of maintaining the CONVOCATION CORP's properties over the life of the Agreement. Based upon the age of the Arena and increased use of the Facilities, maintaining the Facilities is a material consideration within this Agreement.

The annual royalty payment will be paid 80% on or before February 28th, with the remaining balance paid on or before June 15 of each License Agreement Year. The annual royalty is comprised of the following values:

| | |
|-------------------------------|---------------------------|
| Naming rights | \$ 825,000 |
| Naming rights fulfillment* | <\$ 15,000> |
| Sponsorship Rights | \$ 80,000 |
| Premium Seating | \$ 400,000 |
| <u>Admin. Premium Seating</u> | <u><\$ 250,000></u> |
| Net Royalty (Base Year) | \$ 1,040,000 |

*The current AFFCU Naming Rights Agreement contains fulfillment items that are not included in the fulfillment amount above.

6.02 Licensee may solicit in-kind revenues from exploitation of the Licensed Properties.

6.03 Licensee acknowledges that its rights to retain revenues from the Licensing Activities described herein is subject to CONVOCATION CORP.s obligations under the Indenture. Upon notice from the Trustee that Pledged Revenues are insufficient to pay debt service on the Series 2015 Bonds Licensee shall transfer to Trustee all Pledged Revenues in its possession to the Trustee for deposit into the Revenue Fund, as defined in the Indenture. In particular, if the University is unable to transfer sufficient System Revenues, as defined in the Indenture, to meet its obligation under Section 10 of the Operating Agreement, Licensee shall transfer Pledged Revenues from Licensing Activities to the Trustees in an amount of such shortfall.

ARTICLE VII. PERFORMANCE OF LICENSEE

7.01 Licensee will use its best efforts to exploit fully each and every Licensed Property identified in Exhibit A.

ARTICLE VIII. CONTROLLING LAW

8.01 The laws of the State of Florida govern this License Agreement.

ARTICLE IX. FAILURE TO OBJECT NOT A WAIVER

9.01 The failure of a party to object to or act upon a breach of this License Agreement by the other party is not a waiver of that breach or any future breach.

ARTICLE X. LEGAL CONSIDERATION

10.01 If any of the provisions of this License Agreement are held to be invalid, illegal or unenforceable, the invalidity or unenforceability will not affect any other provision of this License Agreement, which will be construed as if the invalid, illegal or unenforceable provision had never been part thereof.

ARTICLE XI. BREACH AND OPPORTUNITY TO CURE; TERMINATION

11.01 Except with respect to an intolerable breach, if either party believes the other has failed to perform any of the material obligations of this License Agreement, that party will deliver a written notice of the failure to the other party and provide a reasonable opportunity of not less than 30 days to cure the default prior to declaring a breach and termination or seeking other remedy.

11.02 If either party commits an intolerable breach of this License Agreement, the other party may, in its sole discretion, declare this License Agreement to be breached and terminated without waiving any of its rights under this License Agreement.

ARTICLE XII. INDEMNITY

12.01 Each party agrees to the limited amount stated in F.S. 768.28 relating to sovereign entity tort liability, it shall indemnify and hold harmless the other party and its trustees, officers, agents and employees, from and against any judgments, damages, costs and expenses, including lost business or lost profits, and including reasonable attorney's fees, from any claim, action or proceeding arising out of the other party's negligent acts or omissions in the performance of this Agreement. UCFAA and CONVOCATION CORP. state that nothing contained herein shall be construed or interpreted as (i) denying to either party any remedy or defense available to such party under the laws of the State of Florida; (ii) the consent of the State of Florida or its agents and agencies to be sued; (iii) a waiver of sovereign immunity of the State of Florida beyond waiver provided in Section 768.28, Florida Statutes.

ARTICLE XIII. SUB-LICENSES

13.01 This License Agreement is not assignable by either party, in whole or in part without the prior written consent of the parties except as provided in Section 3.02 of this Agreement. Licensee may utilize sub-contractors in the discharge of its responsibilities.

13.02 In the exploitation of the Licensed Properties, Licensee may utilize the services of outside or independent contractor to assist with fulfillment deliverables.

ARTICLE XIV. RIGHT TO INSPECT RECORDS OF LICENSEE

14.01 CONVOCATION CORP., the University or the Trustee may review and inspect Licensee's financial records relative to the exploitation of the Licensed Properties during normal business hours with reasonable advance notice. Licensee will make available during these inspections all relevant records with respect to the computation of royalties and total annual revenues. Should either the CONVOCATION CORP. or the University elect to audit Licensee's relevant financial records, it shall be done at the requesting party's expense and Licensee agrees to fully cooperate with the conduct of any such audit and provide the auditors with all requested documents.

14.02 Notwithstanding the provisions of 14.01, Licensee will provide to CONVOCATION CORP., within thirty (30) days of execution, each licensing/sponsorship agreement in its entirety that concerns: exploitation of the Facilities, as well as any electronic, social or broadcast licensing that may occur at the Licensed Properties.

ARTICLE XV. NOTICES

15.01 All notices given under this License Agreement will be in writing and dispatched by registered or certified mail, return receipt requested, and addressed to the party to be notified at its address (or email address) set forth below. The notices will be deemed given when received. Notice to CONVOCATION CORP. and Licensee will be addressed as follows unless changed in writing by notice to the other party:

CONVOCATION CORP.: UCF Convocation Corporation
ATTN: Jordan Clark
Associate General Counsel
P.O. Box 160015
Orlando, FL 32816
Jordan.Clark@ucf.edu

With a copy to: UCF Convocation Corporation
ATTN: Gerald Hector
UCFCC Board Chairman

LICENSEE: UCFAA
ATTN: Terry Donovan
Senior Executive Associate Athletics Director | Chief Financial Officer
4192 North Orion Blvd.
Orlando, FL 32816
tdonovan@athletics.ucf.edu

With a copy to:

UCFAA
ATTN: Chris McFarlane
Deputy Athletics Director, External Relations
4192 North Orion Blvd.
Orlando, FL 32816
cmcfarlane@athletics.ucf.edu

ARTICLE XI. ENTIRE AGREEMENT

16.01 This License Agreement, including all exhibits and appendices, the Fund Raising Agreement and the Operating Agreement contains the entire agreement of the parties with respect to its subject matter. No representations have been made or relied on by either party, other than those expressly provided for. No agent, employee, or other representative of either party is empowered to alter any of its terms, unless done in writing and signed by an authorized officer or agent of the appropriate party.

IN WITNESS WHEREOF the parties have caused this License Agreement to be executed by an authorized representative and effective as of July 1, 2022.

UCF Convocation Corporation

By: _____

Its: _____

UCF Athletics Association, Inc.

By: _____

Its: _____

EXHIBIT A

ARENA SPONSORSHIP AND ADVERTISING

A.1.01 **Description of Licensed Properties** - CONVOCATION CORP. owns, leases or manages the Arena, parking garage F, and common spaces surrounding the facilities on the University's campus. These facilities have one or more components which may be used for advertising and sponsorship purposes. Licensed Properties include the Arena, Knight Plaza (directly in front of Addition Financial Arena), the Venue, and UCF parking garage F .

The Arena and Venue footprint sponsorship and advertising Licensed Properties' components include, but may not be limited to, the following:

- (a) Message center displays
- (b) All permanent, temporary and LED/digital signage and displays
- (c) Plastic souvenir Arena cups and concession containers
- (d) All scoreboards, video boards and signage (LED/digital as well as temporary and permanent)
- (e) Branded vending, as opportunity is presented (concession signage)
- (f) Temporary signage (banners and light generated images)
- (g) Concourse signage
- (h) Team entry ways signage
- (i) Basketball basket pads, backboard sides
- (j) Playing surface logo opportunities
- (k) Product displays at UCF athletic events and non-UCF athletic events as approved by CONVOCATION CORP.
- (l) Sampling, couponing and free product distribution at UCF athletic events and non-UCF athletic events
- (m) cup holders
- (n) Television, radio and internet broadcasting of UCF Athletic events held at the Arena
- (o) Suite entitlement/ branding as part of sponsorship package (based on availability)
- (p) Social media engagement (depends on sponsorship level)
- (q) Naming opportunities for any areas or buildings located within the licensed properties footprint (e.g. arena, premium seating areas, lobbies, entry gates, student seating section, etc.)
- (r) Exterior of Arena and Venue

The parties recognize that some components listed above may not be in use for all events and that CONVOCATION CORP. and Licensee will continually seek opportunities to expand the Licensed Properties inventory offerings as part of this Agreement.

The parties agree that the following sponsorship categories are excluded from the licensed rights and Licensee shall adhere to the terms of these agreements:

- (a) Existing Pouring Rights' inventory listed in A.3.01.04 below
- (b) Existing Apparel Partner rights inventory listed in A.3.01.04 below
- (c) Other future University campus-wide exclusive agreements

A.2.01 Rights Licensed An exclusive license is granted to sell current and future advertising and sponsorship locations in and around the Licensed Properties at all locations designated in paragraph 1.01 of this exhibit.

A.3.01 Licensee Obligations

- A.3.01.01 Licensee is responsible for soliciting all advertising sales, securing advertising copy, and collecting all advertising receipts. Licensee is responsible for producing all new advertising displays for insertion into, or on, Arena advertising equipment.
- A.3.01.02 Licensee is engaged as CONVOCATION CORP.'s exclusive rightsholder for marketing and sales of premium seating at the Arena (referred to herein as "Premium Seating" including suites, club seats, and loge seats). Licensee is responsible for soliciting all Premium Seating sales and collecting all Premium Seating receipts.
- A.3.01.03 Licensee will promote upcoming CONVOCATION CORP. concerts, games and events during media spots, basketball coaches' shows and live broadcasts.
- A.3.01.04 Licensee will honor the existing and future campus exclusive agreements which will be updated from time to time as new agreements maybe signed. Licensee shall receive reasonable time to comply with new exclusive agreements.
- A.3.01.05 Licensee will be responsible for operating and maintaining in good working order all Arena advertising equipment. Licensee will also replace or repair any damaged advertising displays owned or controlled by CONVOCATION CORP.
- A.3.01.06 Licensee will be responsible for all costs related to exploiting the rights granted under this Agreement.

A.4.01 CONVOCAATION CORP. Obligations

- A.4.01.01 CONVOCAATION CORP. will display all signage and allow Licensee to fulfill all promotional elements sold by Licensee at all events. For non-UCF events those participants and their respective promoters or sponsors may be allowed to display their signage for their respective events, although it may conflict with existing Licensee relationships (for example, Coke contractually allows Pepsi exposure when Pepsi is a sponsor of an event at the Arena). Notwithstanding, any such signage shall not diminish, interfere, or cover existing permanent signage.



Board of Trustees Special Meeting | July 12, 2022

DISC-1: College of Nursing Building Project

☐ Information

☒ Discussion

☐ Action

Meeting Date for Upcoming Action: _____

Purpose and Issues to be Considered:

With a commitment to the talent needs in our region and state and following the approval of \$29 million appropriated by the state for construction of a College of Nursing Building, UCF is seeking the necessary approvals to move forward with the design phase of the College of Nursing Building, and a Health Sciences Campus Parking Garage. The building and parking garage will be located on UCF's Academic Health Sciences Center Campus in Lake Nona. For the project to proceed, the Board must first approve a Minor Amendment (MA 2022-2) to the UCF 2020-30 Campus Master Plan, and the design funds for each project.

The total project cost of the proposed 90,000-square-foot building is anticipated to be \$63,781,430. The parking garage's initial design will evaluate the quantity of parking spots needed, based on the current/projected use of existing Academic Health Sciences Campus buildings and projected capacity of the College of Nursing Building. Depending on the recommended number of parking spots, the total project cost for the parking garage is anticipated between \$18 million and \$23 million. Approval for construction will occur in a subsequent BOT item.

In preparation for this phase of the project, UCF Facilities Planning and Construction developed a building program for the College of Nursing Building project that includes a full project description and estimated probable cost of the project. To fully fund the project, the university has set a goal to raise \$30 million in private support.

Background Information:

On June 2, 2022, Governor DeSantis signed the Freedom First budget for 2022-2023, which included \$29 million toward the design, construction and equipment of a new UCF College of Nursing Building. In preparation for this approval, a building program for the College of Nursing Building project was developed and approved by the President on April 29, 2022.

Additionally, the College of Nursing Building was included in the FY2023-24 Capital Improvement Plan (CIP), approved by the Board of Trustees on May 26, 2022.

Recommended Action:

N/A

Alternatives to Decision:

N/A

Fiscal Impact and Source of Funding:

N/A



Board of Trustees

Agenda Memo

Authority for Board of Trustees Action:

N/A

Contract Reviewed/Approved by General Counsel ☐ N/A ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Michael Johnson, Provost and Executive Vice President for Academic Affairs

Supporting Documentation:

Attachment A: 2022 Nursing Renderings

Facilitators/Presenters:

Michael Johnson, Provost and Executive Vice President for Academic Affairs

UCF College of Nursing

#20

BEST ONLINE NURSING PROGRAMS
(U.S. NEWS & WORLD REPORT, 2022)

#52

BEST NURSING SCHOOLS: DOCTOR OF NURSING PRACTICE (U.S. NEWS & WORLD REPORT, 2022)

#96

BEST UNDERGRADUATE NURSING PROGRAMS
(U.S. NEWS & WORLD REPORT, 2022)

92%

PASS RATE (FOR BOTH NURSE PRACTITIONER BOARD CERTIFICATION EXAM AND NCLEX-RN BSN)

60+

NURSING FACULTY

21

NATIONAL FELLOWS ON FACULTY

2,800+

NURSING STUDENTS

42

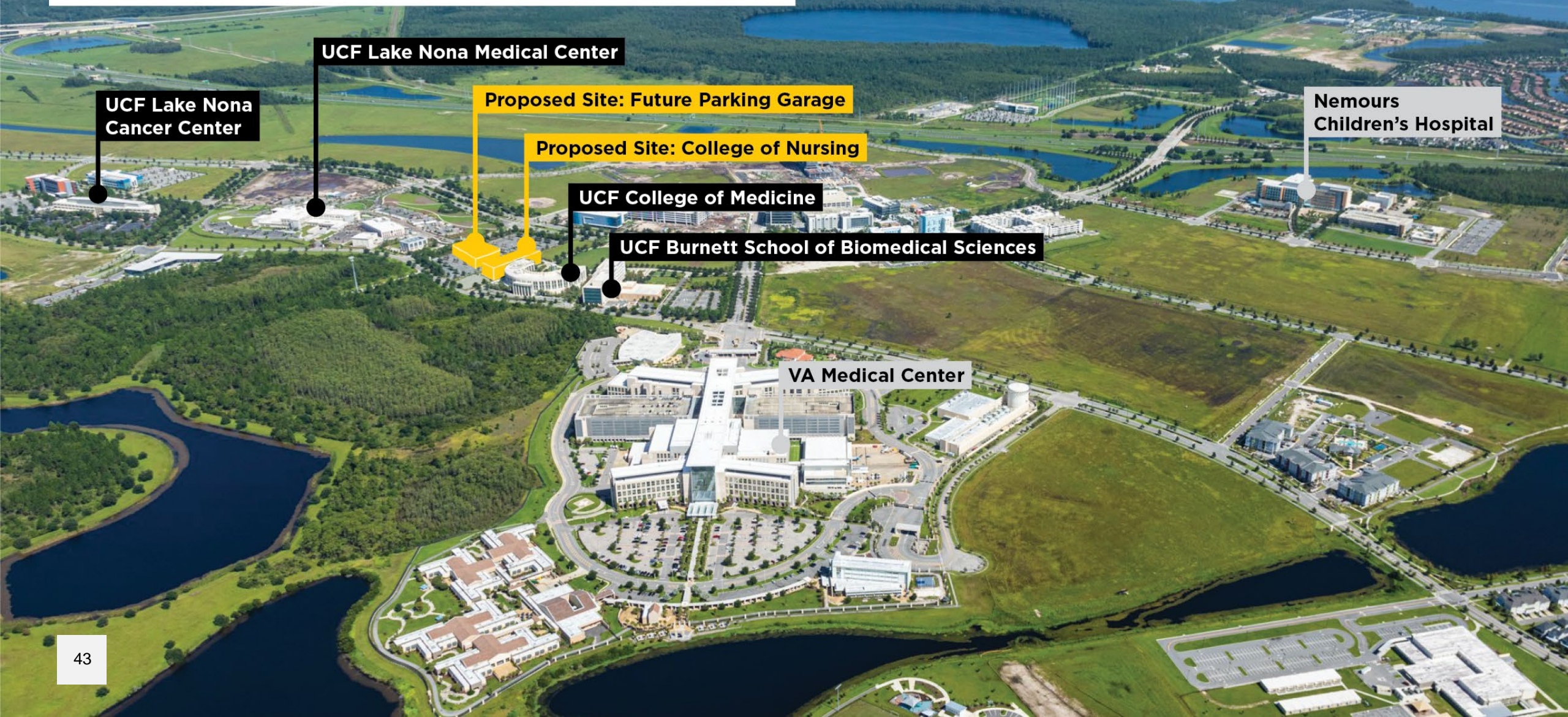
,000+

NURSING ALUMNI



UCF Academic Health Sciences Center

Health Sciences Campus in Lake Nona



UCF Lake Nona
Cancer Center

UCF Lake Nona Medical Center

Proposed Site: Future Parking Garage

Proposed Site: College of Nursing

UCF College of Medicine

UCF Burnett School of Biomedical Sciences

Nemours
Children's Hospital

VA Medical Center

UCF Academic Health Sciences Center

Health Sciences Campus in Lake Nona

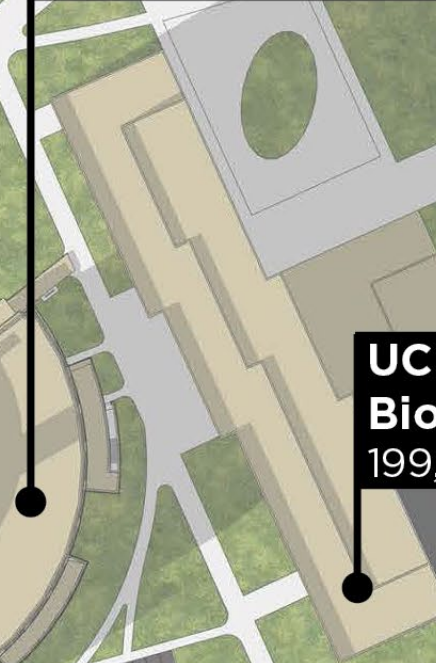
**Proposed Site:
Future Parking Garage**



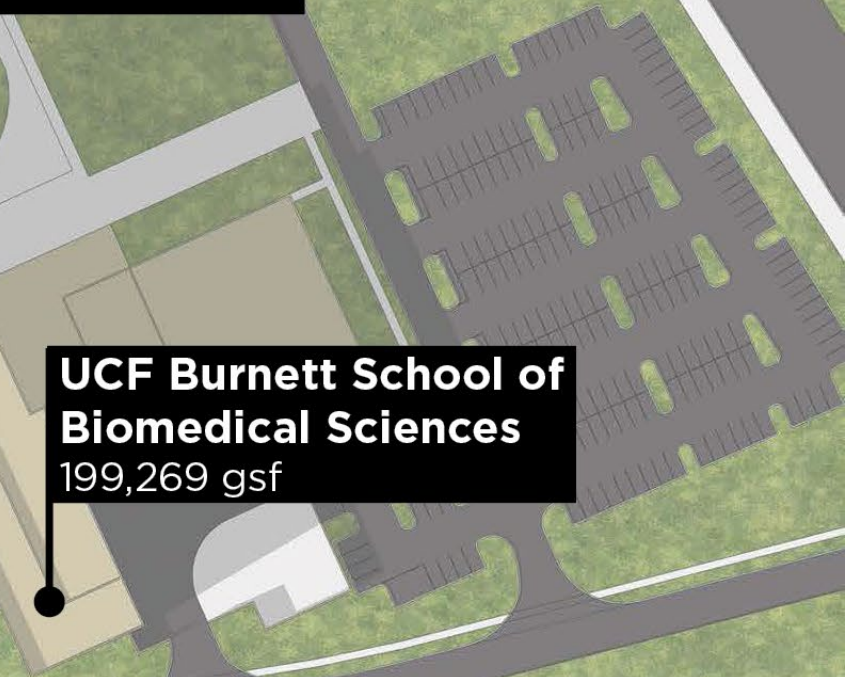
**Proposed Site:
College of Nursing**
90,000 gsf



UCF College of Medicine
175,000 gsf



**UCF Burnett School of
Biomedical Sciences**
199,269 gsf



Board of Trustees
Special Meeting | July 12, 2022

BOT-5: Campus Master Plan Minor Amendment, Nursing Building

☐ **Information**
☐ **Discussion**
☒ **Action**

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

UCF proposes a Minor Amendment (MA 2022-2) to the UCF 2020-30 Campus Master Plan (CMP) to modify information found in CMP Element 10.0 Capital Improvements & Implementation regarding the College of Nursing Building.

The specific changes included in this Minor Amendment are:

- On the Schedule of Capital Projects (Figure 10.0-2):
 - Replace the building name “College of Nursing and Health Sciences Building” with “College of Nursing Building”
 - Remove “College of Nursing & Allied Health” from “Alternate or Old Project Names (AKA)”
 - Remove “CHPS” from “College or Division Requesting”
 - Revise the square footage under “New Construction SF” from 150,000 to 90,000
 - Revise the “Project Scope” description to read “New academic home for CON (60,000 ASF / 90,000 GSF)”
 - Remove the word “NonState” from the “2020 CIP Funds/Priority” column, add a footnote stating “CON is UCF’s #2 priority on the 2023-24 Capital Improvement Plan PECO-eligible project list”
- No revisions to any other element of the CMP are required.

See Attachment A for additional information, including a markup with changes in strikethrough and highlight.

Background Information:

The UCF 2020-30 Campus Master Plan was adopted by the UCF Board of Trustees on November 14, 2019. This Minor Amendment (MA2022-2) is the second proposed amendment to that plan.

In 2019, when the Campus Master Plan was under development, the Nursing Building was envisioned as 150,000 gross square feet building that housed both the College of Nursing and the College of Health Professions and Sciences (CHPS). Since that time, CHPS has been removed from the Building Program, leaving only the College of Nursing.

Recommended Action:

Approve Minor Amendment (MA2022-2) to the UCF 2020-30 Campus Master Plan.

Alternatives to Decision:

There is no alternative. This project cannot proceed without an amendment to the 2020-30 Campus Master Plan.

Fiscal Impact and Source of Funding:

The Campus Master Plan does not include cost estimates for projects, it is a visionary plan based on

project needs. This CMP Minor Amendment does not trigger any funding requirements, it is simply a modification to UCF's Campus Master Plan. Funding information and approvals for the project will be presented as separate board items.

Authority for Board of Trustees Action:

Amendments to campus master plans are governed by Florida Statute s. 1013.30(9). If a proposed amendment does not exceed any of the thresholds in the statute, it is considered a minor amendment and requires only adoption by the University Board of Trustees. These thresholds are:

- (a) Increase density or intensity of use of land on the campus by more than ten percent;
- (b) Increase density or intensity of use of land on the campus by more than ten percent;
- (c) Rearrange land uses in a manner that will increase the impact of any proposed campus development by more than 10 percent on a road or on another public facility or service provided or maintained by the state, the county, the host local government, or any affected local government.

Changing the name of a project and reducing its size does not trip any of these thresholds. Additionally, the campus master planning thresholds stated above are only applicable to the UCF Main Campus.

Contract Reviewed/Approved by General Counsel ☐ N/A ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Jonathan Varnell, Vice President for Facilities and Business Operations

Supporting Documentation:

Attachment A : MA 2022-2, a proposed Minor Amendment to the UCF 2020-30 Campus Master Plan.

Facilitators/Presenters:

Jonathan Varnell, Vice President for Facilities and Business Operations

Bill Martin, Senior Director for Facilities Planning and Construction



UNIVERSITY OF CENTRAL FLORIDA

Minor Amendment (MA 2022-2)

to the

2020-30 Campus Master Plan

to modify the

COLLEGE OF NURSING BUILDING

MINOR AMENDMENT (MA 2022-2)

The University of Central Florida proposes a minor amendment to its 2020-30 Campus Master Plan to amend the Capital Improvements element to modify the COLLEGE OF NURSING AND HEALTH SCIENCES BUILDING to read COLLEGE OF NURSING BUILDING, along with revisions to the Requestor, Building Area and Scope.

STATUTORY THRESHOLDS FOR A MINOR AMENMENT

“Florida Statute 1013.30(9) An amendment to a campus master plan must be reviewed and adopted under subsections (6)-(8) if such amendment, alone or in conjunction with other amendments, would:

- (a) Increase density or intensity of use of land on the campus by more than ten percent;
- (b) Increase density or intensity of use of land on the campus by more than ten percent;
- (c) Rearrange land uses in a manner that will increase the impact of any proposed campus development by more than 10 percent on a road or on another public facility or service provided or maintained by the state, the county, the host local government, or any affected local government.”

A master plan amendment that does not exceed any of these thresholds may be adopted by the Board of Trustees instead of following the lengthy adoption process described in f.s.1013.30(6)-(8).

University Response:

Changing the name of a project and reducing its size does not trip any of these thresholds. Additionally, the campus master planning thresholds stated in f.s.1013.30(9) are only applicable to the UCF Main Campus.

The COLLEGE OF NURSING BUILDING will be a new 90,000 gross square foot academic building on the Academic Health Sciences Center campus at Lake Nona. The AHSC is a UCF Educational Site lying within the Southeast Orlando Sector Plan/Lake Nona area (the Medical City), a 17-square-mile master-planned community. It is governed by the City of Orlando’s comprehensive plan, which is known as the [Growth Management Plan](#) (GMP).

- The AHSC is shown in the GMP Future Land Use Policy Document map LU-2A as Airport Support District (High Intensity).

Why does UCF need an amendment to the UCF 2020-30 CMP?

UCF chronicles its vision for future facilities on all UCF Educational Sites in its Campus Master Plan; therefore, this Minor Amendment will modify and correct information found in CMP element 10.0 CAPITAL IMPROVEMENTS & IMPLEMENTATION regarding the COLLEGE OF NURSING BUILDING.

AMENDMENT TO THE CMP

MA 2022-2 will amend element 10.0 CAPITAL IMPROVEMENTS & IMPLEMENTATION by modifying *Figure 10.0-3 Satellite Campuses 10-year Schedule of Capital Projects* to change COLLEGE OF NURSING AND HEALTH SCIENCES BUILDING to read COLLEGE OF NURSING BUILDING. No revision to any other element of the CMP will be required.

REPLACEMENT MAPS AND CHARTS

Figure 10.0-3 Satellite Campuses 10-year SCP (Revised May 2022)

10.0 CAPITAL IMPROVEMENTS & IMPLEMENTATION

Revised Figure 10.0-3

Figure 10.0-2 Main Campus 10-Year Schedule of Capital Projects (SCP)

Revised July 2022¹

3-Year Committed

Consistent with the Campus Development Agreement (CDA)

Other Projected Projects

Note: MAP KEY numbers are associated with Figure 10.0-1 Capital Improvements Map, and are not associated with project priority.

| MAP KEY | SCP 2020-30 For variables (Priority, Projected Cost, Timing), see the annually-updated 5-YEAR CAPITAL IMPROVEMENTS PLAN (CIP) | BUIDING # | OTHER NAMES (AKA) | COLLEGE OR DIVISION REQUESTING | PROJECT TYPE | EXISTING GSF | RENOVATION SF | NEW CONSTR. SF | PROJECT SCOPE | 2020 CIP Fund /Priority | 2015 EPS Proj. # |
|--|--|-----------|---|--------------------------------|---------------------|--------------|---------------|----------------|---|-------------------------|------------------|
| MAIN CAMPUS 10-YEAR PROJECTED PROJECTS | | | | | | | | | | | |
| 1 | JOHN C. HITT LIBRARY RENOVATION PH. II | 002 | | IT&R | Renovation 5 Phases | 226,506 | 226,506 | | Renovate 5 Floors for efficient/flexible interiors, more seating, study, special collections/archives, and technology workstations. Digital Initiatives Center. | CITF / 1 | 5 |
| 2 | CAMPUS ENTRYWAYS – PHASE I | | | 2016 CDA | Roadway | | | | University & Alafaya Gateway - improve roads, sidewalks, landing pads, signage, landscape | State / 1 NonState | |
| 3 | CAMPUS ENTRYWAYS – PHASE II | | | 2016 CDA | Roadway | | | | Remaining Items from CDA | State / 2 NonState | |
| 35 | UCF CROSS-CAMPUS BIKE TRAIL | | Innovation Way Trail / East Orange Trail | | | | | | On-campus bike trail linking the existing trail systems of Orange and Seminole Counties | | |
| 4 | ENGINEERING BUILDING RENOVATION | 040 | | CECS | Renovation | 130,885 | TBD | | Total Renovation | PECO / 1 | |
| 5 | BIOLOGICAL SCIENCES RENOVATION | 020 | | COS | Renovation | 116,607 | 116,607 | | Total Renovation | PECO / 4 | |
| 6 | THEATRE BUILDING RENOVATION – HVAC | 006 | | CAH | Renovation | 29,469 | TBD | | HVAC | PECO / 5 | |
| 7 | HOWARD PHILLIPS HALL RENOVATION | 014 | | Campus | Renovation | 64,619 | 64,619 | | Total Renovation | PECO / 6 | |
| 8 | LEARNING LABORATORY Active Learning, Teaching Lab, & Maker Space Facility | | | COS, CCIE, CECS, COM | New Building | | | 150,000 | Multidisciplinary Classroom and Teaching Lab facility for several colleges | | Spot Survey |
| 9 | RESEARCH II Science, Engineering, & Commercialization Facility | | Research II | COS, CECS, CREOL, ORC | New Building | | | 138,000 | Multidisciplinary Research Facility to serve several colleges | | 16 |
| 10 | WET TEACHING LAB AND EXPANDED STEM FACILITY (Classroom Lab Building) | | | COM / BSBS | New Building | | | 240,950 | Facility to provide wet/prep labs for several programs, study space, offices, and a lecture hall. | | |
| 11 | PERFORMING ARTS COMPLEX PH. II | 119 | Arts Complex Ph. I (Performance) | CAH | Addition | 83,670 | 3,000 | 122,800 | Flexible Performance Space, configurable into 4 venues, including Proscenium Theatre and Concert Hall. The facility includes assembly and production support, as well as storage. | | 7 |
| 12 | CHEMISTRY RENOVATION | 005 | | COS | Renovation | 49,073 | 49,073 | | Total Renovation | | 10 |
| 13 | VISUAL ARTS RENOVATION & EXPANSION | 051 | | CAH | Renovation | 85,000 | 85,000 | TBD | Total Renovation and Expansion | | 12/13 |
| 14 | MATHEMATICAL SCIENCES RENOVATION | 012 | Math Sciences Building Remodeling & Renovation | COS | Renovation | 106,523 | 106,523 | | Total Renovation | | |
| 15 | FERRELL COMMONS E&G SPACE RENOVATION | 007 | | Campus | Renovation | 93,860 | ~28,000 | | Total Renovation of E&G space (100% of 7B, 7F, 7G, 90% of 7C, 50% of 7E.) | | |
| 16 | ARBORETUM, URBAN ECOLOGY, & SUSTAINABILITY CENTER | | Sustainability Center Ph. I Sustainability Center Ph. II | COS, F&S | New Building | | | 15,000 | Arboretum and Urban Ecology Center - replaces aging modular. Sustainability Center - for collaborative research in sustainability/energy. | | |
| 17 | CLASSROOM BUILDING III | | | Campus | New Building | | | 80,000 | A state-of-the-art facility to support enhanced teaching and learning - variety of advanced-technology classrooms and multimedia facilities. Faculty offices and support spaces. | | 17 |
| 18 | SIMULATION AND TRAINING BUILDING | | | CECS | New Building | | | 60,000 | Research Facility for IST, includes lab and office space for multiple disciplines in modeling, simulation and training, immersive environments and mobile learning | | |
| 19 | WELCOME CENTER EXPANSION | 096 | | Campus | Addition | 18,717 | | 11,000 | Improve recruitment of top undergrad and grad students, steer students toward strategic programs, focus on under-represented populations, advise students toward timely graduation. | | 20 |
| 20 | RESEARCH III | | | Campus | New Building | | | 150,000 | Future Research Facility | | |
| 21 | DINING, HOUSING, RESIDENCE LIFE FACILITY | | | SDES | New Building | | | 260,000 | Includes student housing and meal-plan dining hall Creative School may be collocated | | |
| 22 | SPECIAL PURPOSE HOUSING | | Special Purpose Housing and Parking Garage | SDES | New Building | | | 32,000 | Greek Housing on ~7 ac. Greek Park Expansion | | |
| 23 | GRADUATE HOUSING | | | SDES | New Building | | | 150,000 | Graduate Student Housing | | |
| 24 | SPECTRUM STADIUM STEEL RE-COATING | 135 | Rust Remediation | UCFAA | Renovation | 76,527 | | | Re-coat steel structure to prevent rust | NonState | |

¹ MA 2022-2 Minor Amendment to the 2020-30 CMP (May 2022) No change this page, Figure 10.0-2

10.0 CAPITAL IMPROVEMENTS & IMPLEMENTATION

Revised Figure 10.0-3

Figure 10.0-2 Main Campus SCP (Continued)

| MAP KEY | SCP 2020-30 For variables (Priority, Projected Cost, Timing), see the annually-updated 5-YEAR CAPITAL IMPROVEMENTS PLAN (CIP) | BUIDING # | ALTERNATE or OLD PROJECT NAMES (AKA) | COLLEGE OR DIVISION REQUESTING | PROJECT TYPE | EXISTING GSF | RENOVATION SF | NEW CONSTR. SF | PROJECT SCOPE | 2020 CIP Funds/Priority | 2015 EPS Proj.# |
|--|--|--|--------------------------------------|--------------------------------|------------------|--------------|---------------|----------------|--|-------------------------|-----------------|
| MAIN CAMPUS 10-YEAR PROJECTED PROJECTS | | | | | | | | | | | |
| 25 | BASKETBALL EXCELLENCE CENTER | 50C | Venue Expansion and Renovation | UCFAA | Add & Reno | 48,000 | | TBD | Renovation of The Venue. Add student-athlete team space and office space. | | |
| 26 | SOCCER STADIUM & PARKING | | | UCFAA | New Bldg./Field | | | TBD | Soccer Stadium north of Spectrum Stadium | | |
| 27 | TENNIS COMPLEX | | | UCFAA | New Bldg./Courts | | | 7,500 | Tennis Support Building and Tennis Courts (≤12) | | |
| 28 | RECREATION & WELLNESS CENTER PH. III | 088 | | SDES | Addition | 156,111 | | 50,000 | Addition the Recreation and Wellness Facility | | |
| 29 | RWC PARK PHASE IV | | | SDES | New Bldg./Fields | | | TBD | Entrance Element and Field Improvements | | |
| 30 | CREATIVE SCHOOL FOR CHILDREN | Replace 24 | | Auxiliary | New Building | | | 18,000 | New Creative School to support 170 UCF families (increase of 40 families). | | |
| 31 | INTERCEPT GARAGE | | Parking Garage VII | Parking | New Garage | | | TBD | Intercept Garage at University & Alafaya | | |
| 32 | ENVIRONMENTAL HEALTH AND SAFETY SUPPORT FACILITY | 48A | | Support | New Building | | | 4,000 | Facility to centralize specialty material receiving, storage, and distribution | | |
| 33 | UCFAA FOOTBALL CAMPUS PROJECTS <ul style="list-style-type: none">Stadium South TowerFootball Practice Field RelocationMcNamara Cove (new site)Parking and Plaza ExpansionWayne Densch Sports Center RenovationStadium North Tower | Project #33 includes six projects on the UCFAA Football Campus | | | | | | | | | |
| | | 135 | | | Addition | | | | Multistory addition to add FB offices, a Club/Lounge, Loge Seats | | |
| | | | | | Sitework | | | | FB Practice Field #1 moves from west to east of FB Practice Field #2 | | |
| | | 363 | | | New Facility | | | | New site for "Recovery River," plunge pool, plaza, support buildings | | |
| | | | | | Sitework | | | | Includes Nicholson Plaza, The Boulevard, Expansion of Lot E-2 | | |
| | | 077 | | | Renovation | | | | Total renovation/remodeling of WDSC | | |
| | | 135 | | | Addition | | | | Addition of 5,000 student seats and a new upper-level concourse | | |
| 34 | LAKE CLAIRE RECREATON AREA EXPANSION | 0334 | | SDES | Addition & Reno | | | | Expand Boathouse (0334), Improve Parking Lot | | |

Minor Amendment MA 2022-1
BOT approved May 26, 2022.
Changed Project 33 from McNamara Cove to UCF Football Campus Projects.

Figure 10.0-3 Satellite Campuses 10-Year Schedule of Capital Projects (SCP)

Revised July 2022

Minor Amendment MA2022-2
College of Nursing Building
Revise Project Name, Requestor, GSF, and Project Scope

Note: Figure 10.0-1 Capital Improvements Map does not include Satellite Campus projects

| Campus | SATELLITE CAMPUSES 10-YEAR PROJECTED PROJECTS | | | | | | | | | | |
|--------------|--|------|---|-------------|----------------|---------|-----|-------------------|---|------------------------|------------------|
| DT | UCF COMMUNICATION AND MEDIA BUILDING - EXTERIOR | 0906 | Center for Emerging Media | | Renovation | 130,000 | Ext | | | PECO / 3 | |
| DT | DOWNTOWN CAMPUS BUILDING II | | | | New Building | | | | | | |
| DT | DOWNTOWN CAMPUS PARKING GARAGE II | | | | New Garage | | | | | | |
| DT | DOWNTOWN CAMPUS PHASE III | | | | New Building | | | | | | |
| DT | DOWNTOWN CAMPUS PHASE IV | | | | New Building | | | | | | |
| RCHM | ROSEN GARAGE | | | Parking | New Garage | | | | | | |
| AHSC | COLLEGE OF NURSING AND HEALTH SCIENCES BUILDING COLLEGE OF NURSING BUILDING | | College of Nursing & Allied Health College of Nursing and Health Sciences Building | CHPS CON | New Building | | | 150,000 90,000 | New academic home for CON (~100KGSF). Additional space for other CHPS Units. (TBD) New academic home for CON (60,000 ASF/90,000 GSF) | NonState Footnote 2 | 15 Footnote 3 |
| AHSC | HEALTH SCIENCES PARKING GARAGE | | | Parking | New Garage | | | 160,000 | New Parking Garage to support Lake Nona Campus | | |
| AHSC | UTILITIES INFRASTRUCTURE/SITWORK – CLINICAL FACILITIES | | Infrastructure and Sitework Lake Nona Clinical Facilities | | Infrastructure | | | 3,400LF | | | |
| AHSC | BURNETT BIO-MEDICAL SCIENCE CENTER INFRASTRUCTURE | | | | Infrastructure | | | 150,000 | | | |
| AHSC | INSTITUTE FOR HOSPITALITY IN HEALTHCARE | | | COM/RCHM | New Building | | | 150,000 | | | |
| Cocoa B. | FLORIDA SOLAR ENERGY CENTER RENOVATION | Many | FSEC | | Renovation | 14,418 | TBD | | | PECO / 2 | |
| Melbourne B. | MARINE TURTLE & COASTAL RESEARCH STATION | | Coastal Biology Station | COS | New Buildings | | | 9,500 | | | 19 |

2 2023-24 CIP - CON was UCF's #2 priority on the PECO-eligible project list

3 Legislative Initiative FY 2022-23 had no proviso requiring an EPS Recommendation

Board of Trustees
Special Meeting | July 12, 2022

BOT-6: College of Nursing Building – Design Approval

☐ Information

☐ Discussion

☒ Action

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

Approve the use of up to \$4,800,000 in funding to begin the design phase of the new UCF College of Nursing Building. These design funds will come from the \$29,000,000 appropriated by the state as a legislative priority for the purpose of designing and constructing the College of Nursing Building project.

Background Information:

On June 2, 2022, Governor DeSantis signed the Freedom First budget for 2022-2023, which included \$29,000,000 toward the design, construction, and equipment of a new UCF College of Nursing Building. In preparation for this approval, a building program for the College of Nursing Building project was developed and approved by the President on April 29, 2022, which includes a full project description and indicates a total project cost of \$63,781,430. This includes \$47,811,790 of construction cost (building cost, site preparation, landscape/irrigation, telecommunications, sanitary, storm, chilled water, fixed equipment) and \$15,969,640 of other project costs (professional fees, project management fees, fire marshal fees, permit/impact environmental fees, inspection services, surveys, tests, moveable furnishings and equipment, art-in-state, project contingency).

Additionally, the College of Nursing Building was included in the FY2023-24 Capital Improvement Plan (CIP), approved by the Board of Trustees on May 26, 2022.

Recommended Action:

Approve the use of up to \$4,800,000 in funding for design and preconstruction services.

Alternatives to Decision:

Alternatives include:

- 1) Approving a reduced amount, which may require a reduction in design or preconstruction services
- 2) Rejecting this item, which will not allow the project to proceed into design

Fiscal Impact and Source of Funding:

The funding source for this request consists entirely of nonrecurring state allocated funds approved for the purpose of designing and constructing this project.

Authority for Board of Trustees Action:

BOG Regulation 14.006 "Building Program and Fixed Capital Outlay Legislative Budget Request Procedures" states:

- "The university president shall have the responsibility for the building program review and approval to assure compatibility with the institution's approved strategic plan, master plan,



educational plant survey and with space utilization criteria. Building programs approved by the university president, and budgets approved by the university board of trustees shall serve as the basic planning documents for development of plans and specifications for construction.”

Contract Reviewed/Approved by General Counsel ☐ N/A ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Jonathan Varnell, Vice President for Facilities and Business Operations

Supporting Documentation:

Attachment A: College of Nursing Building Program

Attachment B: Capital Projects Funding Certification Form

Facilitators/Presenters:

Jonathan Varnell, Vice President for Facilities and Business Operations

Mary Lou Sole, Dean of the College of Nursing

UNIVERSITY OF CENTRAL FLORIDA

College of Nursing Building

UCF Academic Health Sciences Campus at Lake Nona



Building Program

Prepared by UCF FACILITIES PLANNING & CONSTRUCTION • April 20, 2022

TABLE OF CONTENTS

| | |
|---|----|
| BUILDING PROGRAM CONTRIBUTORS | 2 |
| PROJECT REQUEST, RECOMMENDATION, AND APPROVAL | 3 |
| 1.0 BUILDING PROGRAM | 4 |
| 2.0 PROJECT OVERVIEW | 6 |
| 3.0 SITE & UTILITIES | 7 |
| 4.0 HISTORY - APPROVALS & NEXT STEPS | 13 |
| 5.0 EDUCATIONAL PLANT SURVEY | 15 |
| 6.0 STRATEGIC PLAN | 16 |
| 7.0 ACADEMIC MASTER PLAN | 17 |
| 8.0 CAMPUS MASTER PLAN | 19 |
| 9.0 SPACE UTILIZATION CRITERIA | 21 |
| 10.0 PROJECT BUDGET | 23 |
| 11.0 BUILDING CODES, STANDARDS, & REQUIREMENTS | 25 |
| APPENDIX | 26 |
| UCF Planning Documents | |

BUILDING PROGRAM CONTRIBUTORS

Chapter 1.0 Building Program

Susan B. Hutson, *Facilities Planning and Construction (FPC)*

Chapter 2.0 Project Overview

Susan B. Hutson, *FPC*

Bill Martin, *FPC*

Chapter 3.0 Site & Utilities

Michael Scruggs and Christopher Gase, *UCF IT*

Curt Wade, *Utilities and Energy Services (UES)*

Anand Rampersad, *Parking & Transportation*

Susan B. Hutson, *FPC*

Chapter 4.0 History of Approvals & Next Steps

Susan B. Hutson, *FPC*

Chapter 5.0 Educational Plant Survey

Christy Miranda, *Director of Space Administration (SA)*

Susan B. Hutson, *FPC*

Chapter 6.0 Strategic Plan

Bill Martin, *FPC*

Elizabeth Hamilton, *AVP Strategic Initiatives (former¹)*

Chapter 7.0 Academic Master Plan

Brett Morrison, *Academic Program Quality (APQ)*

Susan B. Hutson, *FPC*

Chapter 8.0 Campus Master Plan

Susan B. Hutson, *FPC*

Chapter 9.0 Space Utilization Criteria

Christy Miranda, *SA*

Susan B. Hutson, *FPC*

Chapter 10.0 Project Budget & Funding Methods

Bill Martin, *FPC*

Susan B. Hutson, *FPC*

Chapter 11.0 Building Codes

Roy Johnston, *UCF Building Code Official*

Curt Wade, *UES*

Bill Martin, *FPC*

Editor: Susan B. Hutson, *FPC*

Images: Renderings provided by HuntonBrady Architects

¹ Elizabeth left UCF to join University of Illinois Chicago effective Jan. 1, 2022.

2 | BP College of Nursing Building

PROJECT REQUEST, RECOMMENDATION, AND APPROVAL

REQUEST

The College of Nursing requests that UCF proceed with the College of Nursing Building; and confirms that the facility described in this building program was developed with consideration of the space, functional, and operational needs of the end-users and occupants of the proposed facility.

Mary Lou Sole

Digitally signed by Mary Lou Sole
Date: 2022.04.20 21:04:52 -04'00'

Dr. Mary Lou Sole, Dean of the College of Nursing

Deborah C. German

Digitally signed by Deborah C. German
Date: 2022.04.20 21:56:29 -04'00'

Dr. Deborah German, Vice President for Health Affairs and Dean of the College of Medicine

RECOMMENDATION

We recommend proceeding with the College of Nursing Building, provided that any outstanding issues, identified in the Building Program or discovered during the design process, will be addressed prior to the start of construction of the project, and as required by governing regulations or statutes; including, but not limited to: concurrency issues, permit issues, procedural steps remaining to be taken, and funding issues to be resolved.

Jonathan Varnell

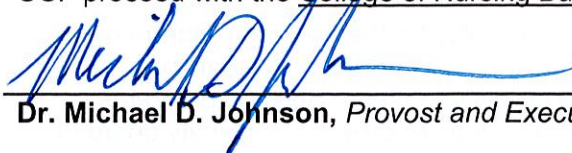
Digitally signed by Jonathan Varnell
Date: 2022.04.26 10:31:57 -04'00'

Mr. Jonathan Varnell, Vice President for Facilities and Business Operations

 4/26/2022

Mr. Gerald Hector, Senior Vice President for Administration and Finance

I confirm that the proposed project will meet a critical academic need at UCF; and recommend that UCF proceed with the College of Nursing Building.

 2022-4-26

Dr. Michael D. Johnson, Provost and Executive Vice President for Academic Affairs

APPROVAL

I have reviewed this Building Program for compatibility with the University's campus master plan, strategic plan, academic plan, educational plant survey, and space utilization criteria. I approve the College of Nursing Building.



4/27/2022

Dr. Alexander Cartwright, President of the University of Central Florida

1.0 BUILDING PROGRAM

Chapter 1 describes the need for and general requirements of the building program.

The intent of a Building Program (BP) is to define a project's high-level objectives and campus impacts. It assures the proposed project aligns with the university's campus master plan, strategic plan, academic plan, educational plant survey, and space utilization criteria. It includes a description and history of the project, information on the site and utilities infrastructure, and introduces the project budget and applicable building codes.

The BP is prepared by the University and approved by the president, as required by the Florida Board of Governors Regulation *14.006 Building Program and Fixed Capital Outlay Legislative Budget Request Procedures*.

If this project should be delivered by means other than Fixed Capital Outlay, this building program is not needed to conform to Board of Governors regulation 14.006; however, Facilities Planning & Construction Building Program Policy (FSP 2021 FS0025) requires BPs for all Capital Projects. FP&C Building Programs follow the same format as those prepared according to BOG 14.006.

- The President must approve the project
- The project complies with the University's approved campus master plan, educational plant survey, strategic plan, academic plan, and with space utilization criteria.
- There is a clear understanding of the history of the project, and information on the proposed site, utilities and services to the site, roads, parking and transit, building codes, and budget.

BOARD OF GOVERNORS REQUIREMENTS (PECO-ELIGIBLE PROJECTS)

BOG regulation *14.006, Building Program and Fixed Capital Outlay Legislative Budget Request Procedures*,² is included here in its entirety.

(1) The university is responsible for the preparation of the building program. The program shall be consistent with the university strategic plan, academic and facilities master plan, and shall include the project budget and the building codes applicable to the project.

(2) The university president shall have the responsibility for the building program review and approval to assure compatibility with the institution's approved strategic plan, master plan, educational plant survey and with space utilization criteria. Building programs approved by the university president, and budgets approved by the university board of trustees shall serve as the basic planning documents for development of plans and specifications for construction.

(3) All projects requested by a university for inclusion on the PECO-eligible priority list must have an educational plant survey recommendation.

(4) Proposals for fixed capital outlay projects to be funded by Capital Improvement Fees³ shall be prepared by the university, and submitted to the Board of Governors. Each proposed project shall be approved by the university president after consultation with the student government association. For the purpose of this regulation, "consultation" is

² Authority: Section 7(d), Art. IX, Fla. Const., History—Formerly 6C-14.0025, 1-24-89, Amended 1-13-99, Amended and Renumbered as 14.0025, 3-27-08, Amended 11-21-13, Amended and Renumbered as 14.006 5-5-20.

³ Capital Improvement Trust Fund fees are also known as CITF.

defined as an ongoing dialogue with the student body president prior to developing the university proposal. An attachment containing any objections and alternatives, and stating that both the university president and the student government association have reviewed the project proposals, shall be included in the proposal.

(5) Each university board of trustees will submit to the Chancellor's Office a Fixed Capital Outlay Legislative Budget Request. Such requests shall be made in accordance with the fiscal policy guidelines, formats, instructions and schedule provided by the Chancellor.

UCF REQUIREMENTS

UCF follows an internal checklist of requirements for Capital Projects. Steps taken or needed are described in other chapters:

| | |
|---|-------------|
| The project is on the Campus Master Plan | Chapter 8.0 |
| The project is on the Educational Plant Survey, if required | Chapter 5.0 |
| The project is on the Capital Improvement Plan (CIP) | Chapter 4.0 |
| The project has BOT Individual Project Approval | Chapter 4.0 |
| The project has a completed Certification of Funding Form | Chapter 4.0 |
| The project has gone back to the BOT for approval for a Budget increase of 10% or more, if required | Chapter 4.0 |

2.0 PROJECT OVERVIEW

Chapter 2 provides general information about the project.

PROJECT DESCRIPTION

The proposed College of Nursing Building (Bldg. 1003) on the UCF Academic Health Sciences campus (AHSC) will replace the college's current academic home located in University Tower (Bldg. 8118) in the Central Florida Research Park.

The College of Nursing Building at Lake Nona will be a "Limited-Access Upper-Division Program," focusing on the final two years of the Bachelor of Science in Nursing (BSN) degree program, as well as Master's and Doctoral Programs.

The proposed College of Nursing Building will include 60,000 net assignable square feet (NASF) of space, to be assigned to the College of Nursing. If built as a freestanding facility, serving only the College of Nursing, the entire building will be 90,000 gross square feet (GSF).

EXISTING SPACE

UCF Space Administration reports that the most up-to-date rent roll indicates that the College of Nursing (CoN) leases 49,535 square feet of the available 97,692 square feet in University Tower. This square footage includes all "useable space", not just space assigned to the academic unit. Useable space includes corridors, stairs, elevators, restrooms, mechanical space, and other spaces that are not assigned to a college, department, or unit.

CoN has space on floors three, four, and six of University Tower. Space Administration reports that University Tower is actually 105,872 GSF. Space Administration completed a building plan validation in June 2021 confirming that CoN is assigned 31,834 NASF in University Tower.

BUILDING OCCUPANTS

The facility will house the entire UCF College of Nursing, providing classrooms, teaching labs, research labs, study space, and offices.

See Chapter 7.0 ACADEMIC MASTER PLAN for a list of the CoN academic programs that will be served by the new facility.

ALTERNATIVES CONSIDERED

The College of Nursing has been located in University Tower in the Central Florida Research Park since 2010, continuing to expand within University Tower as space became available.

Continued growth within University Tower would not serve CoN or UCF as effectively as collocating the college on the UCF AHSC at Lake Nona.

3.0 SITE & UTILITIES

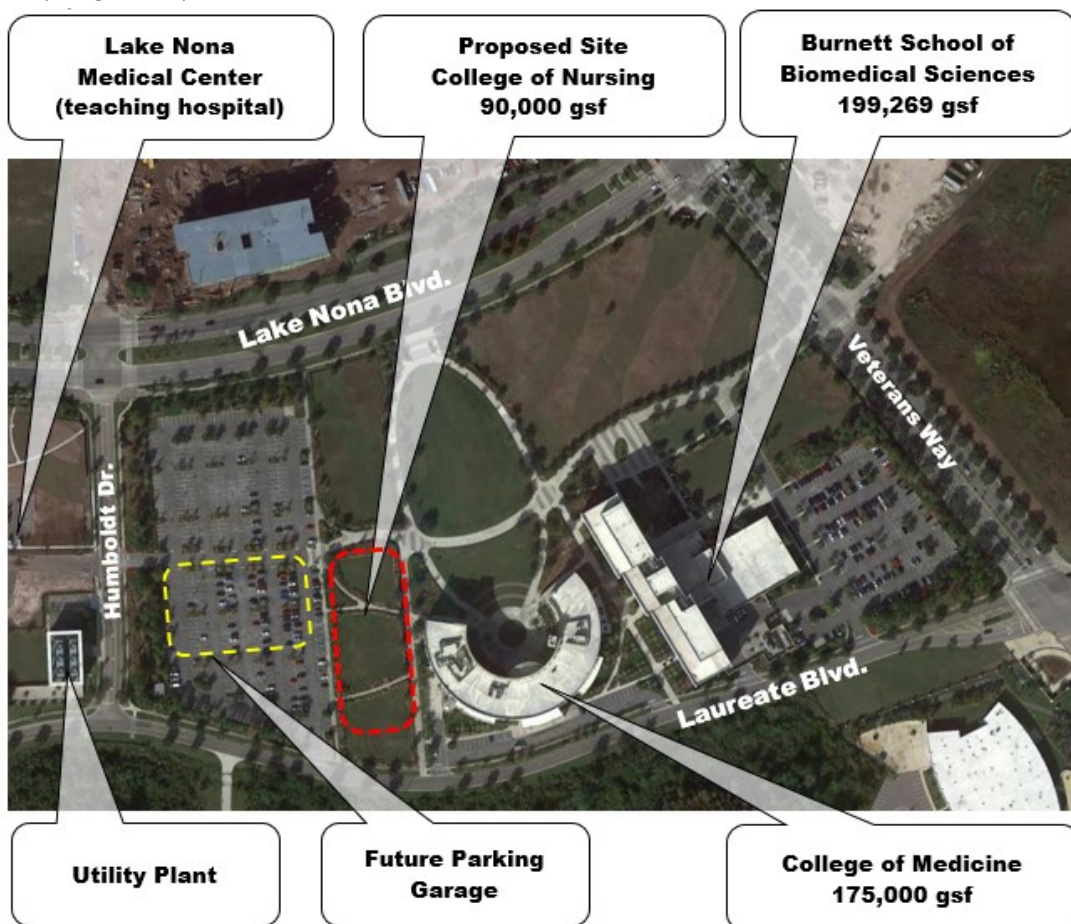
Chapter 3 provides specific information about the project site, utilities and services.

PROPOSED SITE

The proposed location of the College of Nursing Building is on the UCF Academic Health Sciences Campus (AHSC), a part of Lake Nona Medical City. Medical City is a 650-acre health and life sciences park within the City of Orlando master-planned community of Lake Nona.

The UCF AHSC at Lake Nona is a state-of-the-art complex that includes four (4) UCF parcels totaling 87.229 acres, collocated near other hospitals and medical buildings, several of which are owned, used, or leased by UCF.

1. Parcel 26-24-30-7650-01-000, 27.493ac.- Site of the UCF College of Medicine (Bldg. 1002), Burnett School of Biomedical Sciences (Bldg. 1001), and the proposed College of Nursing (Bldg.1003)



2. Parcel 26-24-30-4932-02-001, 25.23ac.- Site of the Lake Nona Medical Center (Bldg. 1020) Teaching Hospital⁴ and Utility Plant
3. Parcel 26-24-30-1445-01-000, 12.001ac.- Site of the UCF Lake Nona Cancer Center (Bldg. 1050)⁵
4. Parcel 26-24-30-7650-02-000, 22.505ac.- Undeveloped land at the northeast corner of Veterans Way and Laureate Blvd.

⁴ The Lake Nona Medical Center is a partnership between UCF and HCA North Florida Division.

⁵ Formerly the Sanford Burnham Prebys Medical Discovery Institute, acquired by UCF in 2018.

Medical City also includes:

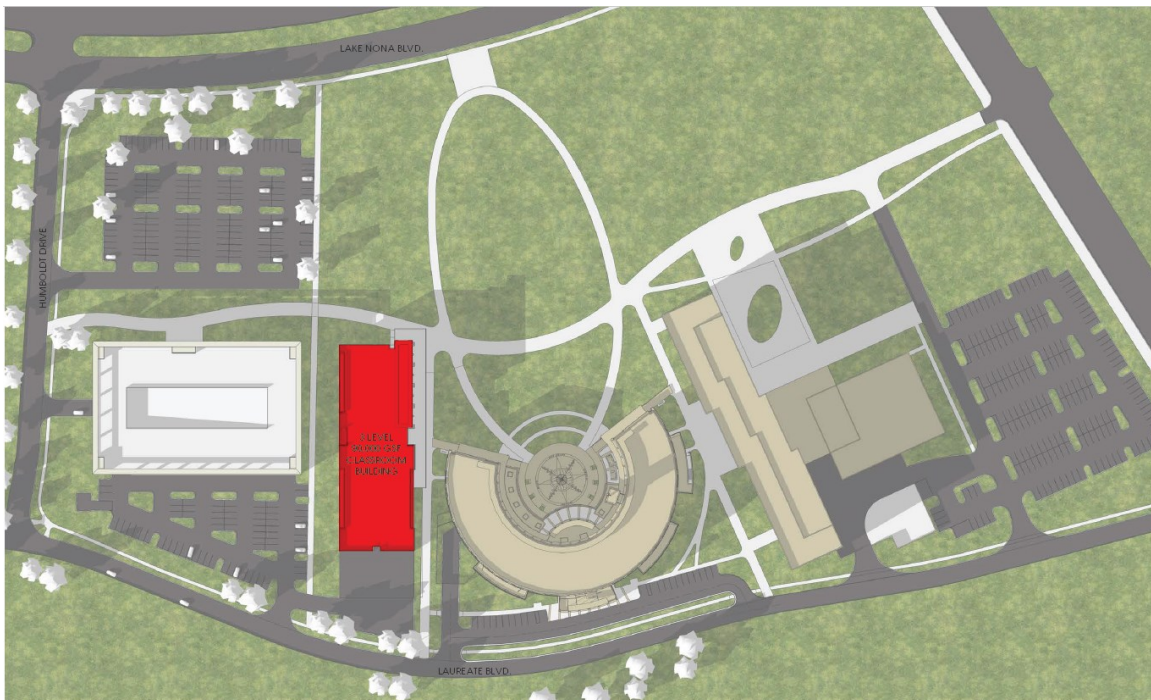
- UCF Health Gateway 9975 Tavistock Lake Blvd. (Bldg. 1028 Leased)
- Lake Nona Innovation Center 6555 Sanger Rd. (Bldg. 1031 Leased Suite 200)
- Nemours Children's Hospital 13535 Nemours Pkwy. (Bldg. 1051 Leased)
- University of Florida Academic and Research Center
- MD Anderson Orlando Cancer Research Institute
- Valencia College at Lake Nona
- Orlando Veterans Administration Medical Center

OCCUPANCY ANALYSIS

Occupancy Classification:

Dean Mary Lou Sole confirmed, on February 26, 2021, that “the proposed College of Nursing is not intended for use as a health care facility (hospital, outpatient surgical, or residential healthcare facility) now, or in the future. It is instructional only.”

The facility will not require a healthcare occupancy classification such as INSTITUTIONAL GROUP I-2. No patients will be treated in this facility. Like most UCF buildings, the facility would be BUSINESS GROUP B (Educational occupancies for students above the 12th grade) with some area classified as ASSEMBLY (large lecture halls).



SITE ANALYSIS

Roads:

The site of the proposed College of Nursing will be served primarily by Laureate Boulevard, immediately south of the site.

Parking:

The proposed site for the CoN will not eliminate parking; however currently available parking will not support the addition of a 90,000 GSF building.

The Academic Health Sciences Campus (AHSC) is currently served by several surface parking lots, providing 726 parking spaces.

- The College of Medicine (CoM) parking lot P3 is just West of the proposed CoN site and provides 512 spaces.
- The CoM parking lot P2 is south of CoM and provides 23 spaces.
- The Burnett School of Biomedical Sciences (BSBS) parking lot P1 is east of BSBS and provides 194 spaces.

A Parking Master Plan Study (6/26/2020) for UCF's AHSC Parcel 26-24-30-7650-01-000 (27.493ac)⁶ was prepared by HuntonBrady Architects. The study determined that parking for the existing CoM and BSBS requires a total of 723 cars according to Planning Method 2, which is based on building area. There are currently 726 spaces provided.

Under Method 2 in the study, the College of Nursing would require 270 parking spaces.

SITE DATA

HuntonBrady Method 2 - Parking Required by Building Area

Academic Use: 3.0 cars per 1,000SF of building area

CoM

| | | |
|--------------------------|---------|--------|
| Building Height | 4 | Floors |
| Total Bldg. Area | 175,000 | SF |
| Surface Parking Required | 525 | spaces |

CoN

| | | |
|--------------------------|--------|--------|
| Building Height | 3 | Floors |
| Total Bldg. Area | 90,000 | SF |
| Surface Parking Required | 270 | spaces |

Research Use: 1.0 car per 1,000SF of building area

BSBS

| | | |
|--------------------------|---------|--------|
| Building Height | 5 | Floors |
| Total Bldg. Area | 198,000 | SF |
| Surface Parking Required | 198 | spaces |

PARKING CALCULATIONS

| | | |
|------------------------|------------|---------------|
| Total Parking Required | 993 | spaces |
| Total Parking Existing | 726 | spaces |
| PARKING NEEDED | 267 | spaces |

The Parking Study will require an update to revise the College of Nursing Building from 150,000GSF to 90,000 GSF; and to align with a post-pandemic model that factors in more remote work and fewer offices.

⁶ The other three AHSC parcels were not investigated.

The HuntonBrady Parking Study indicates several options for increasing parking to meet demand when the College of Nursing Building is completed. Two of the options are:

- 1) Adding a new 292 car surface parking lot at the intersection of Lake Nona Blvd and Veterans Way (Northeast corner of the AHSC).
Total Parking = 1,018 spaces.
 - This option would serve CoN, but would eliminate a high-profile future AHSC building site.
- 2) Adding a new 845 car Parking Garage in lot PS1, west of the future CoN facility. This could leave 254 PS1 surface spaces around the garage.
Total Parking = 1,099 spaces for the site
 - This option would serve AHSC well, be expandable, and leave several excellent AHSC building sites available.
 - It takes UCF Parking & Transportation several years to budget for a parking garage, which includes about nine months to apply for debt.

Transit:

UCF Shuttles travel between the UCF main campus (Physical Sciences Building) and the Academic Health Sciences Campus (AHSC) four times a day, five days a week, but do not operate during scheduled university closures or holidays.

LYNX FastLinks serving the UCF AHSC:

406 Downtown Orlando/Lake Nona/VA Hospital

407 Kissimmee/Lake Nona/VA Hospital/OIA

418 Meadow Woods/Lake Nona/Florida Mall

Stormwater:

Site drainage will be developed by the project's Civil Engineers after the building footprint as been determined. Impervious surfaces will determine retention and/or detention ponds needed.

Tree Mitigation:

If the project results in the removal of trees, the project budget must include tree replacement in accordance with any applicable tree mitigation policy.⁷

- *The project would cause the loss of 20-30 perimeter shade trees - some well-established, some not - and some palms.*

Wetlands and Conservation:

Does the project impact any wetland or conservation areas?

- *This project site does not disturb any wetlands or conservation areas.*

UTILITY ANALYSIS

Power:

Orlando Utility Company (OUC) will provide primary electrical service.

Potable Water:

Orlando Utility Company (OUC) will provide potable water service.

Irrigation:

Orlando Utility Company (OUC) Reclaimed Water Division will provide irrigation water.

Sanitary Sewer:

Orlando Utility Company (OUC) will provide sanitary sewers.

Heating & Cooling:

General comfort cooling will be distributed to the project by the UCF Utility Plant at the intersection of Laureate Boulevard and Humboldt Drive.

⁷ City of Orlando or UCF Landscape and Natural Resources.

- OUC's plant is designed for 14,600 tons. Currently 3,950 tons is installed and subscribed to by UCF's College of Medicine and the UCF Cancer Center.
- While the OUC plant has capacity, the assets installed for chilled water generation match only the current connected demands. OUC will have to purchase additional equipment to support the CoN.
- If this is the desired direction, UCF must provide one year's advance written notice of intent to add additional cooling assets and update the existing Franchise Agreement. BOT approval will be required, as the value of the contract will be greater than \$5M.

NOTE: See comments under CHAPTER 3.0, Occupancy Analysis: This is not a healthcare facility. No human patients will be treated in the facility. Therefore, HVAC in the College of Nursing Building need not comply with "2019 ASHRAE Applications Handbook Chapter 9 Health Care Facilities" During design, the consulting engineers must reaffirm that patients will not be treated in the facility and that elevated levels of HVAC service will not be required.

- Capacity for any elevated level of HVAC service is likely outside of what OUC will be able to provide from a central plant.

Heating:

Domestic, process water, and re-heat for dehumidification will be distributed to the project by adding local boilers with reserve capacity.

Natural Gas:

TECO's People's Gas

Telecom:

UCF IT

Outside Plant Duct Bank and Fiber

- A new OSP duct bank will be needed from the Lake Nona maintenance hole 2 to a new proposed maintenance hole located in between the proposed College of Nursing and a future Parking Garage.
- Two new OSP duct banks will be needed from the new proposed maintenance hole into the College of Nursing MDF and the future parking garage MDF.
- OSP fiber and copper will connect the buildings to the UCF IT Telecom enterprise system backbone.

Structured Cabling

- All structured cabling will be installed by UCF IT Telecom and in accordance with the UCF IT Telecom standards and guidelines.

Network Infrastructure

- UCF Enterprise Network Equipment will be installed throughout the building's MDF/IDFs to support all peripheral connectivity (items such as IP cameras, desktops, access control, printers, audio/video, etc.)
- Wireless Access Points (WAPs) will be installed throughout the building to provide 100% interior coverage. Exterior coverage will vary based on design and format of the building.

Voice

- UCF IT enterprise voice will be installed throughout the buildings utilizing UCF prefix (882 or 823).
- Any Emergency Blue Light Phones (EBLPs) that are required will be determined by the Police Department (PD) and Emergency Operations Center (EOC).

- UCF IT would install the EBLP in accordance to current UCF IT Telecom standards and guidelines.

Radio/Distributed Antenna System (DAS)

- UCF IT Two Way Radio system will be active within the building and available to departments for use.
- Public Safety DAS will be tested and if required installed in the building to support first responders.
- Cellular DAS testing may occur for future design and carrier build out. Note this system is carrier dependent and is not required to open the facility.

CATV

- UCF IT Telecom will work with the provider under contract to provide CATV connectivity. Medium may vary based on technology available.

SERVICES

Police Protection: The AHSC is served by the Orlando Police Department and the UCF Police Department (UCFPD). UCFPD is the primary responding agency for UCF buildings. Orlando Police responds to all other areas. UCFPD has an office in the College of Medicine Building.

Fire Protection: The nearest Fire Station is Orlando Fire Station 16 at 12375 Lake Nona Gateway Rd., approximately 1.25 miles from the AHSC.

Trash Removal: Garbage/Recycling for zip 32827 is provided by the City of Orlando Solid Waste Division

4.0 HISTORY - APPROVALS & NEXT STEPS

Chapter 4 provides a history of the project, including approvals and the next steps to be taken.

HISTORY OF THE COLLEGE OF NURSING AT UCF

- 1978** The State of Florida Board of Regents and the Florida Board of Nursing authorized UCF to start a Bachelor of Science in Nursing (BSN) program.
- 1979** UCF admitted the first class of 50 undergraduate students. The inaugural class graduated in May 1981 with BSN degrees.
- 1981** The BSN program received accreditation from the National League of Nursing.
- 1982** The Nursing Program received a designation as a Department of Nursing by UCF.
- 1986** The Department of Nursing moved to a much larger space in the Health and Physics building, now known as the Math Sciences Building (Building 12).
- 1995** The Department of Nursing officially became the School of Nursing within the former College of Health & Public Affairs (COHPA).
- 2007** The School of Nursing became the College of Nursing (CoN).
- 2010** The College of Nursing relocated to the University Tower in the Central Florida Research Park.
- 2017** The College of Nursing received full reaccreditation from the Commission on Collegiate Nursing Education (CCNE) for all of its BSN, MSN, DNP and post-graduate advanced practice registered nurse (APRN) certificate programs.
- 2018** UCF announced plans to create a state-of-the-art Academic Health Sciences Center at Lake Nona Medical City in Orlando. The intent was to bring together the College of Medicine, the College of Nursing, the newly formed College of Health Professions and Sciences (CHPS) and the proposed UCF teaching hospital, in close proximity to many other Medical City facilities.

CAMPUS MASTER PLAN ACTIONS

The College of Nursing Building was included in the 2020-30 Campus Master Plan, and in two others before that. See Chapter 8.0 for details.

EDUCATIONAL PLANT SURVEY ACTIONS

No College of Nursing project was included in the current *2021-26 Educational Plant Survey*; but it was included in the *2015 Educational Plant Survey*. See Chapter 5.0 for details.

FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) ACTIONS

A College of Nursing project has been included in many CIPs⁸

- 2022-23 CIP (BOT approval June 17, 2021 and June 30, 2021-revised)
COLLEGE OF NURSING was included under ALL PROPOSED DEBT OR P3 PROJECTS for FY 2022-23 THAT REQUIRE LEGISLATIVE APPROVAL (Back of Bill)
\$63,781,430; 90,000 GSF
- 2021-22 CIP (BOT approval 6/18/2020)
COLLEGE OF NURSING was included under “ALL PROPOSED DEBT OR P3 PROJECTS for FY 2021-22 that Require Legislative Approval” (Back of Bill)
\$108,834,736; 150,000 GSF

⁸ CIPs approved prior to 2012-13 do not have attachments in the BOT minutes.

- 2020-21 CIP (BOT approval 7/18/2019)
CoN was not included in the 2020 CIP
- 2019-20 CIP (BOT approval 7/19/2018)
PECO Rank 8. HEALTH SCIENCES AND COLLEGE OF NURSING BUILDING (P,C,E)
(formerly known as College of Nursing) \$19,000,000 in YR #3 (2021-22)
- 2018-19 CIP (BOT approval 7/20/2017)
PECO Rank 4. COLLEGE OF NURSING & ALLIED HEALTH \$83,216,700
- 2017-18 CIP (BOT approval 7/28/2016)
PECO Rank 11. COLLEGE OF NURSING & ALLIED HEALTH \$73,500,000
- 2016-17 CIP (BOT approval 6/29/2015)
PECO Rank 18. COLLEGE OF NURSING \$59,696,720
- 2015-16 CIP (BOT approval 7/31/2014)
PECO Rank 16. COLLEGE OF NURSING \$45,542,631
- 2014-15 CIP (BOT approval 7/25/2013)
PECO Rank 14. COLLEGE OF NURSING \$44,649,638
- 2013-14 CIP (BOT approval 7/26/2012)
REQUESTS FROM OTHER STATE SOURCES Rank 1. COLLEGE OF NURSING
\$44,649,638

ACADEMIC PROGRAMMING

In April 2021, the College of Nursing and Facilities Planning & Construction published an Academic Program Statement (APS) and a Summary of Required Spaces (SRS) describing exactly how the College would use 60,000 Net Assignable Square Feet of new space in the College of Nursing Building. see Appendix.

CONCEPTUAL RENDERINGS

In Summer 2021, the Orlando firm of *HuntonBrady Architects* was engaged to provide renderings and conceptual floor plans to support a future philanthropic campaign; and to align with the Academic Program Statement and Summary of Required Spaces published in April 2021.

NEXT STEPS

- **Building Program** - The University President must approve this Building Program.
- **Campus Master Plan action** - See Chapter 8.0 none Minor Amendment required
- **Individual Project Approval** - The Board of Trustees Facilities and Infrastructure Committee replaced the Facilities and Finance Committee in July 2021. The F&I Committee charter states: "The Committee will review and recommend the following to the Board for action: Construction projects (new, remodeling, site work) with a projected total project cost in any amount greater than \$2 million, and any material changes to the projects."
- **Capital Projects Funding Certification Form** - For any capital project exceeding \$2 million, this form must be signed by the University President, the Vice President submitting the item, the Chief Financial Officer, and the General Counsel, certifying "that the ... capital project ... has been reviewed and approved and the type of funding for the project is authorized by state law and Board of Governors Regulations" and "University facilities seeking funding by the Legislature, including the PECO list, and the Capital Improvement Program."
- **Budget Increase Approval** (if needed)

5.0 EDUCATIONAL PLANT SURVEY

Chapter 5 describes compatibility with the educational plant survey, per BOG 14.006 (2) and if required.

THE CURRENT EDUCATIONAL PLANT SURVEY (EPS)

The *UCF 2021-2026 Educational Plant Survey* is the current EPS. It was approved by the UCF Board of Trustees on April 22, 2021 and forwarded to the State University System of Florida Board of Governors for approval in June 2021.

- The College of Nursing Building was not survey-recommended in the *current* EPS.

ADDING A PROJECT TO THE EDUCATIONAL PLANT SURVEY

At any time, the Educational Plant Survey may be amended to add a project. First UCF must request a Supplemental Survey, aka “spot survey,” by the SUS Board of Governors (BOG) staff. Then UCF must receive Board of Trustees approval to amend the EPS.

THE EDUCATIONAL PLANT SURVEY AND THE CAPITAL IMPROVEMENT PLAN (CIP)

BOG Regulation 14.006(3) reads “All projects requested by a university for inclusion on the PECO-eligible priority list must have an educational plant survey recommendation.” On the 2022 CIP (submitted 2021), the “College of Nursing” was on the Back of Bill,⁹ as needed to acquire legislative approval. Because it was not on UCF’s PECO request, it didn’t need to be on the EPS.

The Florida Legislature appropriated funding for the UCF “Nursing Building” in the SFY 2022-2023 Budget, without proviso requiring an EPS recommendation.¹⁰ If this appropriation is approved by the Governor, UCF will receive partial funding in the amount of \$29,000,000. When a project is allocated partial funding, it is considered “incomplete” per statute; and will be automatically included in the *preliminary selection group* for scoring/ranking the following year(s), pursuant to f. s. 1001.706(12)(d).¹¹

UCF has elected to request PECO funds for the project on the 2023 CIP, placing it as our #2 priority.

UCF Space Administration received the following confirmation from the Board of Governors staff that the CON does not need to obtain an amended survey to be included as UCF’s #2 PECO-eligible project.

- Kristine Azzato, Assistant Director, Facilities, SUS Board of Governors, 4/8/22 email: “The projects that are legislative initiatives were funded without regard to the status of an EPS Recommendation, and there was no proviso requiring the contrary. Therefore, we interpret the legislature’s actions to have effectively waived the EPS Rec (and related statutory requirements) for those projects. UCF will need to complete a detailed CIP for the project, as usual, but when required to note the specific EPS Rec for the project, UCF can add a footnote indicating the Rec was waived via legislative initiative, or more specifically, “N/A: 2022 GAA Section 197, Legislative initiative project funded w/o EPS Rec.”
- Kristine Azzato, BOG, 4/8/22 email: “In addition to the (above), once UCF has submitted the CIP for the Nursing Building, the project will be scored and placed on the list (the PECO Preliminary Selection Group) accordingly.”

⁹ Back of Bill or BoB is part of the CIP-1 Narrative Overview

¹⁰ Despite CoN not having an EPS recommendation, the facility’s E&G space will be included in inventory in determining space needs during the next EPS cycle.

¹¹ f. s. 1001.706(12)(d): *The board shall continually maintain a list of all public education capital outlay projects for which state funds were previously appropriated which have not been completed. The list shall include an estimate of the amount of state funding needed for the completion of each project.*

6.0 STRATEGIC PLAN

Chapter 6 indicates consistency and compatibility with the university strategic plan, per BOG 14.006 (1) and (2).

THE CURRENT STRATEGIC PLAN

UCF is developing a new Strategic Plan in AY 2021-22 that aligns with the vision of UCF's President, Dr. Alexander Cartwright, and the UCF Board of Trustees.¹² This Strategic Plan will replace the "UCF Collective Impact Strategic Plan" (2016) and will build upon Dr. Cartwright's 2020-2021 Presidential Goals, which were approved by the UCF Board of Trustees in August 2020 and are guiding current institutional planning and leadership decisions.

PRESIDENTIAL GOALS 2020-2021

UCF aspires to be one of the nation's leading innovative research universities, with a focus on student success and contributing to the betterment of society. A different kind of university driven by its entrepreneurialism and optimism, UCF will not be defined by its contemporaries, and rather seeks to forge a new path with the potential to be a leading metropolitan research university that will help to define the future of higher education.

Following years of growth, the university will now focus on building the critical infrastructure that will support its pursuit of excellence. UCF will have a national, and in key areas, international reputation as a new kind of metropolitan public research university that is tightly coupled with its community and can work toward quickly becoming a top 50 public national university and ultimately be considered for membership in the prestigious Association of American Universities.

1. Build a strong leadership team with a focus on improving administrative infrastructure and systems that drive efficiency and effectiveness.
2. Invest in academic excellence to drive greater student success and research outcomes.
3. Deliver action on diversity, equity, and inclusion initiatives and become an example for how a community fully commits to inclusive excellence.
4. Build a culture of trust, engagement and accountability across our entire team of employees by making UCF one of the best places to work in Central Florida.
5. Elevate and promote UCF's excellence and its national reputation through our efforts in advancement, government and community relations, and communications and marketing efforts.

PROJECT ALIGNMENT WITH THE PRESIDENT'S GOALS

Goal 2 - Creating a new College of Nursing Building is a way of "investing in academic excellence to drive greater student success..."

Goal 5 - Expanding our nursing programs and graduating well-educated and highly skilled nurses, will "elevate and promote UCF's excellence and its national reputation..."

FLORIDA NEEDS NURSES

The Florida Center for Nursing (FCN) reports on nursing workforce issues, and stated in a [2019 FCN Report](#) that "Florida is experiencing a critical shortage of registered and licensed practical nurses which is expected to worsen as demand increases."

Ranked among the best in the nation and accredited by the [Commission on Collegiate Nursing Education](#), the UCF College of Nursing has been leading the charge in educating the next generation of nurses for 40 years.

¹² UCF's strategic plan effort is being led by Dr. Ronald F. Piccolo, Chair of the Department of Management and the Galloway Professor of Management in the College of Business. He is also Special Advisor to the President for Strategic Planning.

¹⁶ | BP College of Nursing Building

7.0 ACADEMIC MASTER PLAN

Chapter 7 confirms consistency with the academic master plan, per BOG 14.006 (1).

ACADEMIC PROGRAMS TO BE IMPROVED

The proposed College of Nursing Building will add and improve space for all Nursing academic programs.

| Academic Unit | CIP Code | Term Start | Program Name | Degree |
|------------------|----------|------------|------------------------|--------------------------------|
| Nursing Practice | 51.3801 | Spr 1979 | Nursing (BSN) | Bachelor of Science in Nursing |
| Nursing | 51.3801 | Fall 1995 | Nursing (MSN) | Master of Science in Nursing |
| Nursing | 51.3808 | Sum 2003 | Nursing (PhD) | Doctor of Philosophy |
| Nursing | 51.3818 | Fall 2007 | Nursing Practice (DNP) | Doctor of Nursing Practice |
| Nursing Systems | 51.3801 | Sum 2018 | Nursing RN (BSN) | Bachelor of Science in Nursing |



ACADEMIC PROGRAM REVIEWS

Pursuant to Florida Statute, UCF conducts in-depth reviews of academic programs at least every seven years. The primary purpose is to examine the quality and productivity of academic programs with a goal to develop recommendations leading to program improvement. The reviews include Cost & Financial Health criteria, to which *new facilities* can contribute in a positive way.

In 2017, the CoN received full reaccreditation from the Commission on Collegiate Nursing Education (CCNE) for all of its BSN, MSN, DNP and post-graduate advanced practice registered nurse (APRN) certificate programs.

The following space deficits were noted in the 2017-18 Academic Program Reviews:¹³

¹³ Academic Program Review information was provided by Brett Morrison of UCF Academic Program Quality (APQ) in the Office of the Provost.
BP College of Nursing | 17

| Program | Degree | CIP | Last Review | Space Needs |
|------------------|---------------|------------|--------------------|--|
| Nursing | BSN | 51.3801 | 2017–18 | Continue to work with administration to identify opportunities for increasing classroom and laboratory space |
| Nursing Practice | DNP | 51.3818 | 2017–18 | Explore options to meet space needs; work with the facilities scheduler across departments to ensure scheduling of clinical laboratory experiences |

In addition, external consultants offered the following space-related recommendations to the college as a whole:

- Explore options to meet space needs and support evolving collaborative research with the goal of space at the Health Science Campus at Lake Nona.
- Increase national and international profile of health care simulation programs (e.g., potential creation of health care simulation center).

The next review of the College of Nursing programs will be in 2025-2026.

If design of a new facility begins after the next APRs, FPC should check back with APQ to determine if there are other space deficiencies that need to be addressed by the new facility.

8.0 CAMPUS MASTER PLAN

Chapter 8 describes consistency/compatibility with the approved campus master plan, per BOG 14.006 (1) and (2).

THE CURRENT CAMPUS MASTER PLAN (CMP)

Campus planning and concurrency management in the State University System (SUS) are governed by Florida Statute 1013.30. The Florida Board of Governors further details the requirements of campus master plans (see BOG Regulations Chapter 21).

Only the UCF Main Orlando Campus requires a Campus Master Plan and Campus Development Agreement; all other UCF Educational Sites are governed by the comprehensive plan(s) of their host local governments.

The 2020-30 Campus Master Plan (CMP) was adopted by the UCF Board of Trustees in November 2019; and is consistent with the State Comprehensive Plan and not in conflict with the Comprehensive Plan of Orange County - its host local government. It identifies general land uses, and addresses the need for and provision of roads, parking, public transportation, solid waste, drainage, sewer, potable water, and recreation and open space during the coming 10 years. The CMP also documents UCF's long-range plans for new facilities and major remodeling projects for the Main Campus, as well as for all other UCF Educational Sites.

A College of Nursing facility has been included in three CMPs:

- 2020-30 CMP - 10-YEAR SCHEDULE OF CAPITAL PROJECTS (SCP)
COLLEGE OF NURSING AND HEALTH SCIENCES BUILDING 150,000GSF NonState Funding
- New academic home for College of Nursing (~100KGSF) Additional space for other CHPS Units (TBD).
- 2015-25 CMP - CAPITAL IMPROVEMENTS LIST
PECO Item 14. COLLEGE OF NURSING 119,206nasf 170,684gsf \$34,767,122
- 2010-20 CMP - CAPITAL IMPROVEMENTS LIST
PECO Item 17. COLLEGE OF NURSING 119,206nasf 170,684gsf \$34,767,122
Courtelis Item 56. COLLEGE OF NURSING \$3,871

The UCF Academic Health Sciences Campus (AHSC) is a UCF Educational Site lying within the Southeast Orlando Sector Plan/Lake Nona area (the Medical City), a 17-square-mile master-planned community. It is governed by the City of Orlando's Comprehensive Plan which is known as the Growth Management Plan.

CONSISTENCY WITH GOALS, OBJECTIVES OR POLICIES OF THE CMP

Regardless of the governance of the AHSC, the College of Nursing Building will comply with the UCF CMP, including, but not limited to:

2.0 FUTURE LAND USE & URBAN DESIGN - 2.2 Urban Design

GOAL 1: To create developmental patterns that direct future growth to appropriate areas on campus, promote the educational mission of the University, protect environmentally-sensitive areas, and ensure compatibility with the community.

OBJECTIVE 1.6: Develop energy-efficient campus facilities, as detailed in the UCF Standards.¹⁴

POLICY 1.6.9: All new UCF buildings shall be LEED-certified (Leadership in Energy and Environmental Design), and each new project shall achieve LEED Gold certification as defined by the U.S. Green Building Council.

¹⁴ Standards refers to the UCF Design, Construction, and Renovation Standards.

UPDATING THE COLLEGE OF NURSING PROJECT IN THE CMP

The current 2020-30 Campus Master Plan indicates a 150,000 GSF College of Nursing Building. A minor amendment will be submitted to the Board of Trustees to revise the building to match the size and scope outlined in this Building Program.

9.0 SPACE UTILIZATION CRITERIA

Chapter 9 indicates compatibility with space utilization criteria, per BOG 14.006 (2).

COMPLIANCE STATEMENT

- The project will be compatible with State Space Criteria, University Space Criteria, and Project-Specific Space Criteria.

STATE SPACE CRITERIA

State criteria is available to guide space planning in Florida institutions of higher education, including the *State Requirements for Educational Facilities, 2014 (SREF)*. The Florida Building Code (FBC) has not adopted SREF for Universities, therefore occupancy load factors must comply with FBC over SREF.

The State University System “Space Needs Generation Formula” recognizes the following space categories:

| Instructional/Research | Academic Support | Institutional Support |
|--|--|---|
| Classrooms Teaching Laboratories Research Laboratories | Study Facilities Instructional Media Auditorium/Exhibition Teaching Gymnasium | Office/Computer Campus Support Services |

SREF Chapter 1, Section 1.2 Definitions (page 10, item 86) describes the following types of square footage for net/gross calculations in a postsecondary facility:

- Assignable Square Footage (ASF)... the enclosed and interior floor area assigned to or available to be assigned to an occupant or specific use.
- Non-Assignable Square Footage ...the floor area of a building not available for assignment ... but necessary for the general operation of the building; (e.g.) custodial, circulation, mechanical and toilet areas.
- Net Square Footage (also, Net Usable Square Footage). This includes assignable square footage and useable nonassignable square footage.
- Structural Square Footage. The floor area of a building that cannot be occupied or used because of structural building features...interior and exterior walls, or unusable areas in attics.
- Gross Square Footage (GSF). The sum of all floor areas on all floors of a building included within the outside faces of its exterior walls.

UNIVERSITY SPACE CRITERIA

University criteria includes *UCF Policy 3-126 Space Allocation and Use (August 8, 2018.)* Of particular note is this, under Item D. Offices:

“UCF faculty and staff may only have one office, regardless of position or titles (i.e., faculty member and chairperson). However, individuals whose work assignments require that they spend significant time in more than one building may use shared office space in the building(s) where their office is not located.”

The College of Nursing has planned shared office space to serve Site Coordinators and others visiting from remote College of Nursing sites such as Altamonte Springs, Ocala, Cocoa, Daytona Beach, Palm Bay, Valencia, etc.

PROJECT-SPECIFIC SPACE CRITERIA

All assignable space is classified into Assignable Space Use Categories in accordance with the *Postsecondary Education Facilities Inventory and Classification Manual 2006 Edition (FICM)*; and aligns with the space categories in the State University System “Space Needs Generation Formula.”

Classrooms

The SUS Formula includes Classroom Facilities under INSTRUCTIONAL/RESEARCH.

The FICM describes them as 100 CLASSROOM FACILITIES, as “General purpose classrooms, lecture halls, recitation rooms, seminar rooms, and other spaces used primarily for instruction classes and not tied to a specific subject or discipline by equipment in the room or the configuration of the space.”

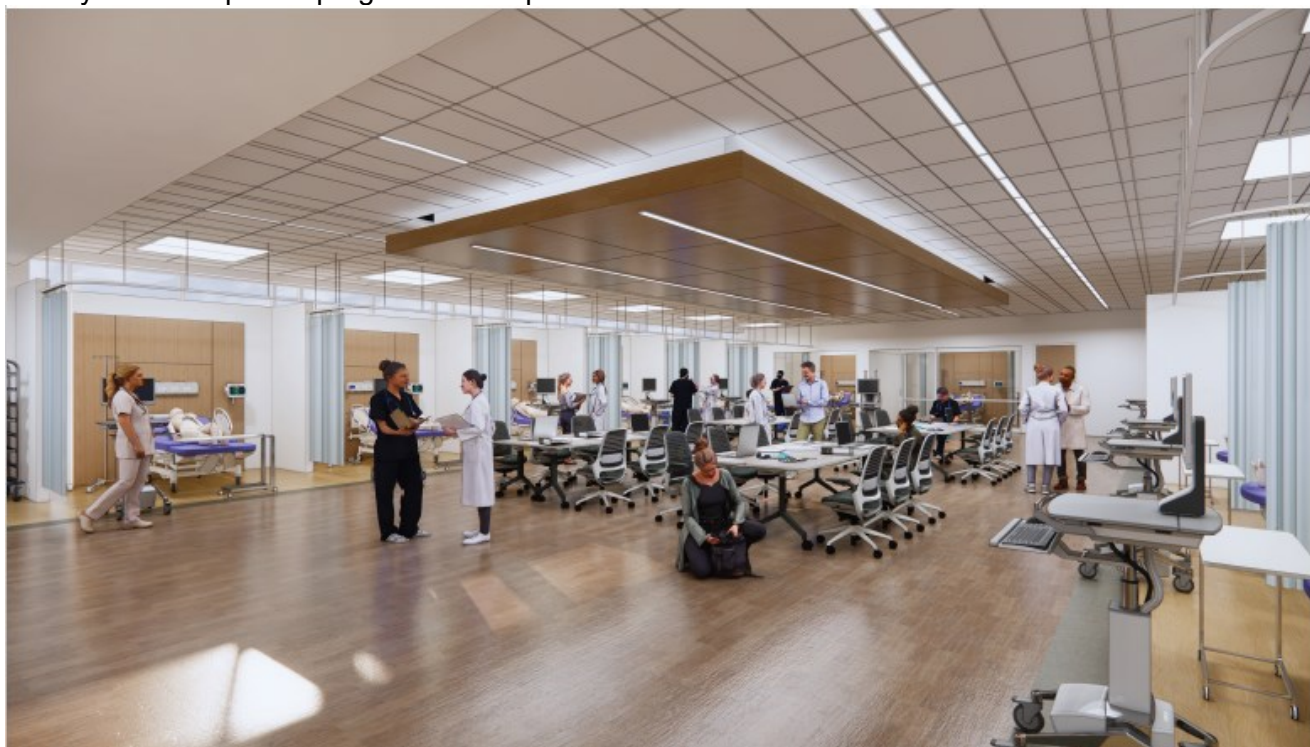
Laboratory Facilities

The SUS Formula includes both Teaching and Research Labs under INSTRUCTIONAL/RESEARCH.

The FICM describes both Teaching and Research Labs under 200 LABORATORY FACILITIES.

Class Laboratory (210) aka Teaching Laboratory – “A space used primarily for formally or regularly scheduled instruction that requires special purpose equipment or a specific space configuration for student participation, experimentation, observation, or practice in an academic discipline.”

Non-Class Laboratory (250) aka Research Laboratory – “A space used for laboratory experimentation, research, or training in research methods; professional research and observation; or structured creative activity within a specific program or for sponsored research.”



Office Facilities

The SUS Formula includes Offices under INSTITUTIONAL SUPPORT.

The FICM 300 OFFICE FACILITIES includes 310 Office “A space housing faculty, staff, or students working at one or more desks, tables, or workstations” and 350 Conference Room as “A space serving an office complex and used primarily for staff meetings and departmental activities.”

Study Facilities

The SUS Formula includes Study Facilities under ACADEMIC SUPPORT.

The FICM describes 410 Study Space as a subcategory of 400 STUDY FACILITIES, as “A room or area used by individuals to study at their convenience, the space not being restricted to a particular subject or discipline by contained equipment.”

Instructional Media

The SUS Formula includes Instructional Media under ACADEMIC SUPPORT.

The FICM includes 530 Media Production as a subcategory of 500 SPECIAL USE FACILITIES, as “A space used for the production or distribution of multimedia materials or signals.”

10.0 PROJECT BUDGET

Chapter 10 includes the project budget, per BOG 14.006 (1).

FUNDING OF CAPITAL PROJECTS

Not all Capital Projects are eligible for all types of funding.

The types of funding that may be considered for this project include:

- Public Education Capital Outlay (PECO)
- Grants and Private gifts
- Public-Private Partnerships (P3)
- Carry-Forward balance may be used for PECO projects for which a previous appropriation has been provided, should the project require additional funds for completion.

Funding sources that are not appropriate for this project include:

- Capital Improvement Fees (CITF)
- Debt, the issuance of bonds (for organizations that have auxiliary revenue.)

PROJECT BUDGET

UCF Facilities Planning and Construction has estimated the probable cost of this project as follows:

| COLLEGE OF NURSING BUILDING (90,000 GSF) | |
|---|---------------------|
| BASIC CONSTRUCTION COSTS | |
| <ul style="list-style-type: none">• Building Cost• Site Preparation, Landscape/Irrigation• Telecommunications• Sanitary, Storm and Chilled water systems• Energy Efficient Equipment | |
| Probable Basic Construction Cost | \$47,811,790 |
| OTHER PROJECTED COSTS | |
| <ul style="list-style-type: none">• Professional Fees, Project management Fees, Fire Marshall Fees, Permit/Impact Environmental Fees• Inspection services, Insurance consultant, Surveys and tests,• Moveable Furnishings and Equipment, Art-In-State• Project Contingency | |
| Probable Other Projected Costs | \$15,969,640 |
| OPINION OF PROBABLE TOTAL PROJECT COST | \$63,781,430 |

Related Projects – from other sources or recurring charges

- City of Orlando Infrastructure Enhancements (See Utility analysis)
- Parking Lot or Garage

This opinion of probable cost was developed in April 2021 and first reported on the FY 22-23 Capital Improvement Plan, Back of Bill. The construction industry is experiencing significant labor shortages and supply chain disruptions, which are driving up the cost of construction and lengthening construction schedules. This opinion of probable cost will be re-evaluated during the design process for the project to determine if additional funding will be needed, or if programmatic changes must be made to stay within the budget.

APPROPRIATION FOR THE COLLEGE OF NURSING BUILDING

A Legislative Initiative¹⁵ in the Florida 2022-23FY Budget allocated partial funding for the College of Nursing Building under “University Projects not included in Board¹⁶ statutorily-required PECO List; i.e. not stated by the University as its #1 or #2 priority projects for FY22-23”

UNIVERSITY OF CENTRAL FLORIDA

Nursing Building (HB 3841) (Senate Form 2146)\$29,000,000

This budget allocation is subject to approval by the Governor.

CAPITAL RENEWAL AND DEFERRED MAINTENANCE

The Board of Governors (BOG) has adopted regulation [14.002 Reserves for New Construction](#) (effective July 1, 2022), stating that for “any new construction of an education & general (E&G) facility, funded in whole or in part with State appropriations, the university must institute a plan to reserve funds in an escrow account, specific to the project, into which shall be deposited each year an amount of funds equal to two percent (2.0%) of the total value of the building.

Based on the estimated total construction cost (\$47,811,790), this 2% annual reserve contribution would be \$956,236 per year.

PLANT OPERATION AND MAINTENANCE (PO&M)

The PO&M formula is a space/facilities operating funding model that was developed in 1993 by the State University System of Florida. It was used by the Governor and Legislature to provide operating resources for new space/facilities.

The state has not appropriated PO&M funding for several years; but the formula is used here to determine the level of funding that will be needed to maintain the facility described in this program:

- 90,000 GSF X \$15.61 per square foot = \$1,404,900

Moving forward, new facilities will require the university to identify a PO&M funding source that does not require any additional state appropriations; as was stated in the “2020-21 Legislative Budget Request Development Policy Guidelines.”

¹⁵ Legislative Initiative means the project wasn't in the Board of Governors prioritized list and it wasn't UCF's #1 or #2 PECO priority.

¹⁶ Board of Governors

²⁴ | BP College of Nursing Building

11.0 BUILDING CODES, STANDARDS, & REQUIREMENTS

Chapter 11 provides the building codes applicable to the project, per BOG 14.006 (1).

COMPLIANCE STATEMENT

- This project will comply with all applicable codes, laws, standards, statutes, and regulations.

BUILDING CODES

The codes applicable to this project include, but are not limited to:

- 7th Edition, 2020 Florida Building Code - Administered by UCF Building Department
- 7th Edition, Florida Fire Prevention Code - Administered by the Florida Division of State Fire Marshal

UCF STANDARDS & GUIDELINES

The project must meet UCF standards including, but not limited to:

- UCF Design, Construction, and Renovation Standards
Administered by UCF Facilities Planning & Construction
- Telecommunications Design Standards
Administered by UCF Information Technology (UCF IT)
- Campus Landscape Master Plan and Design Standards
Administered by UCF Landscape & Natural Resources (LNR)
- Office of Instructional Resources Design Standards (2019)
Administered by UCF Office of Instructional Resources (OIR)

FLORIDA STATUTES

F.S. Chapter 255 addresses requirements for public property and publicly owned buildings.

ENERGY AND SUSTAINABILITY

The Architects and Engineers of Record (A/E EOR) will need to address LEED and sustainability with respect to performance, energy, water conservation / efficiency, and LEED campus credit integration.

After design has begun, detailed criteria will be included in the Owner's Project Requirements (OPR), and the A/EOR will be required to provide a Basis of Design (BoD) that gives technical guidance for how these requirements will be incorporated into the design.

The project must meet energy standards including, but not limited to:

- Green Building Construction and Renovation Requirements
Administered by UCF Department of Utilities & Energy Services (UES), a division of UCF Facilities & Safety
- State of Florida Model Energy Efficiency Code for Building Construction
Administered by UCF Department of Utilities & Energy Services (UES), a division of UCF Facilities & Safety

APPENDIX

UCF Planning Documents

The following planning documents for the College of Nursing Building have been published on the FACILITIES PLANNING & CONSTRUCTION website, under the PLANNING tab. If approved by the President, this Building Program will be published there as well.

Summary of Required Spaces (SRS)

A Summary of Required Spaces is an early planning document that should be prepared for most large facilities, by UCF or by a Consulting Architect or Engineer (A/E).

The SRS captures exactly how the proposed occupants wish to use the space in a proposed building. It lists every room in the facility, along with its assignable square feet and a brief description. It records the total amount of assignable space, by space category, and the gross square footage.

The SRS can be used for early estimating or may be prepared to align space with an established maximum budget.

Link to the [College of Nursing SRS 4.14.21](#)

Academic Program Statement (APS)

An Academic Program Statement is an internal planning document for more complicated buildings or those that combine multiple colleges. It aligns with and further develops the SRS by providing a more detailed description of every room in the proposed facility.

The APS for the College of Nursing was prepared by the College and Facilities Planning & Construction.

Link to the [College of Nursing APS 4.14.21](#)



Capital Projects Funding Certification Form

This form is required as a condition for approval by the Finance and Facilities Committee and the Board of Trustees.

Project name/description: College of Nursing Building

Funding source(s): Nonrecurring state funds appropriated by the 2022 Legislature to the Department of Education as fixed capital outlay for: University of Central Florida: Nursing Building \$29,000,000 (General Appropriations Act for FY 2022-23)

This is to certify that the above capital project which exceeds \$2 million has been reviewed and approved and the type of funding for the project is authorized by state law and Board of Governors Regulations.

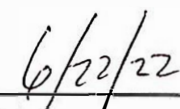
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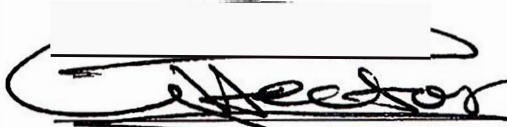
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Alexander Cartwright
Date: 2022.06.24
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President

Date


Vice President


Date


Chief Financial Officer


Date

Youndy C. Cook

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Cook
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General Counsel

Date

**Board of Trustees
Special Meeting | July 12, 2022**

BOT-7: Health Sciences Campus Parking Garage – Design Approval

☐ **Information**☐ **Discussion**☒ **Action**

Meeting Date for Upcoming Action: July 12, 2022

Purpose and Issues to be Considered:

Approve the use of up to \$1,200,000 in funding to start the design phase of the Health Sciences Campus Parking Garage. This structure will provide parking necessary to accommodate a new College of Nursing Building.

Background Information:

The parking garage option is a long-term solution which allows for future expansion and will consider the inclusion of revenue- generating auxiliary space to serve the expanding Lake Nona area. Approval of this item will allow us to advertise and hire a design team and preconstruction team to evaluate options and create design documents for construction. The initial design will evaluate the quantity of parking spots needed, based on the current/projected use of existing Academic Health Sciences Campus buildings and projected capacity of the College of Nursing Building. Depending on the recommended number of parking spots, the total project cost is anticipated between \$18 million and \$23 million. Approval for construction will occur in a subsequent BOT item.

The College of Nursing Building Program, submitted under item BOT-5, includes information on parking under section 3.0 Site & Utilities. A preliminary parking study has been completed and indicates the need for either additional surface parking or an 845-car parking garage.

Recommended Action:

Approve the use of up to \$1,200,000 in funding for design and preconstruction services.

Alternatives to Decision:

Alternatives include:

- 1) Approving a reduced amount, which may require a reduction in design or preconstruction services
- 2) Rejecting this item, which will not allow the project to proceed into design

Fiscal Impact and Source of Funding:

The funding source for this request consists entirely of auxiliary funds.

Authority for Board of Trustees Action:

BOG Regulation 14.006 "Building Program and Fixed Capital Outlay Legislative Budget Request Procedures" states:

- "The university president shall have the responsibility for the building program review and approval to assure compatibility with the institution's approved strategic plan, master plan, educational plant survey and with space utilization criteria. Building programs approved by the university president, and budgets approved by the university board of trustees shall serve as



the basic planning documents for development of plans and specifications for construction.”

Contract Reviewed/Approved by General Counsel ☐ N/A ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Jonathan Varnell, Vice President for Facilities and Business Operations

Supporting Documentation:

Attachment A – College of Nursing Building Program, from BOT-5

Attachment B – Certification of Funds

Facilitators/Presenters:

Jonathan Varnell, Vice President for Facilities and Business Operations

Kevin Sowers, Assistant Vice President for Auxiliary Services

Bill Martin, Senior Director for Facilities Planning and Construction

UNIVERSITY OF CENTRAL FLORIDA

College of Nursing Building

UCF Academic Health Sciences Campus at Lake Nona



Building Program

Prepared by UCF FACILITIES PLANNING & CONSTRUCTION • April 20, 2022

TABLE OF CONTENTS

| | |
|---|----|
| BUILDING PROGRAM CONTRIBUTORS | 2 |
| PROJECT REQUEST, RECOMMENDATION, AND APPROVAL | 3 |
| 1.0 BUILDING PROGRAM | 4 |
| 2.0 PROJECT OVERVIEW | 6 |
| 3.0 SITE & UTILITIES | 7 |
| 4.0 HISTORY - APPROVALS & NEXT STEPS | 13 |
| 5.0 EDUCATIONAL PLANT SURVEY | 15 |
| 6.0 STRATEGIC PLAN | 16 |
| 7.0 ACADEMIC MASTER PLAN | 17 |
| 8.0 CAMPUS MASTER PLAN | 19 |
| 9.0 SPACE UTILIZATION CRITERIA | 21 |
| 10.0 PROJECT BUDGET | 23 |
| 11.0 BUILDING CODES, STANDARDS, & REQUIREMENTS | 25 |
| APPENDIX | 26 |
| UCF Planning Documents | |

BUILDING PROGRAM CONTRIBUTORS

Chapter 1.0 Building Program

Susan B. Hutson, *Facilities Planning and Construction (FPC)*

Chapter 2.0 Project Overview

Susan B. Hutson, *FPC*

Bill Martin, *FPC*

Chapter 3.0 Site & Utilities

Michael Scruggs and Christopher Gase, *UCF IT*

Curt Wade, *Utilities and Energy Services (UES)*

Anand Rampersad, *Parking & Transportation*

Susan B. Hutson, *FPC*

Chapter 4.0 History of Approvals & Next Steps

Susan B. Hutson, *FPC*

Chapter 5.0 Educational Plant Survey

Christy Miranda, *Director of Space Administration (SA)*

Susan B. Hutson, *FPC*

Chapter 6.0 Strategic Plan

Bill Martin, *FPC*

Elizabeth Hamilton, *AVP Strategic Initiatives (former¹)*

Chapter 7.0 Academic Master Plan

Brett Morrison, *Academic Program Quality (APQ)*

Susan B. Hutson, *FPC*

Chapter 8.0 Campus Master Plan

Susan B. Hutson, *FPC*

Chapter 9.0 Space Utilization Criteria

Christy Miranda, *SA*

Susan B. Hutson, *FPC*

Chapter 10.0 Project Budget & Funding Methods

Bill Martin, *FPC*

Susan B. Hutson, *FPC*

Chapter 11.0 Building Codes

Roy Johnston, *UCF Building Code Official*

Curt Wade, *UES*

Bill Martin, *FPC*

Editor: Susan B. Hutson, *FPC*

Images: Renderings provided by HuntonBrady Architects

¹ Elizabeth left UCF to join University of Illinois Chicago effective Jan. 1, 2022.

2 | BP College of Nursing Building

PROJECT REQUEST, RECOMMENDATION, AND APPROVAL

REQUEST

The College of Nursing requests that UCF proceed with the College of Nursing Building; and confirms that the facility described in this building program was developed with consideration of the space, functional, and operational needs of the end-users and occupants of the proposed facility.

Mary Lou Sole

Digitally signed by Mary Lou Sole
Date: 2022.04.20 21:04:52 -04'00'

Dr. Mary Lou Sole, Dean of the College of Nursing

Deborah C. German

Digitally signed by Deborah C. German
Date: 2022.04.20 21:56:29 -04'00'

Dr. Deborah German, Vice President for Health Affairs and Dean of the College of Medicine

RECOMMENDATION

We recommend proceeding with the College of Nursing Building, provided that any outstanding issues, identified in the Building Program or discovered during the design process, will be addressed prior to the start of construction of the project, and as required by governing regulations or statutes; including, but not limited to: concurrency issues, permit issues, procedural steps remaining to be taken, and funding issues to be resolved.

Jonathan Varnell

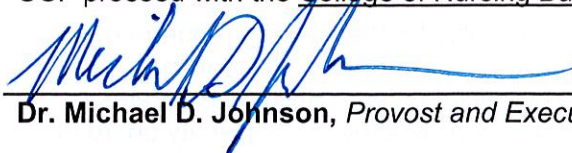
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Mr. Jonathan Varnell, Vice President for Facilities and Business Operations

 4/26/2022

Mr. Gerald Hector, Senior Vice President for Administration and Finance

I confirm that the proposed project will meet a critical academic need at UCF; and recommend that UCF proceed with the College of Nursing Building.

 2022-4-26

Dr. Michael D. Johnson, Provost and Executive Vice President for Academic Affairs

APPROVAL

I have reviewed this Building Program for compatibility with the University's campus master plan, strategic plan, academic plan, educational plant survey, and space utilization criteria. I approve the College of Nursing Building.



4/27/2022

Dr. Alexander Cartwright, President of the University of Central Florida

1.0 BUILDING PROGRAM

Chapter 1 describes the need for and general requirements of the building program.

The intent of a Building Program (BP) is to define a project's high-level objectives and campus impacts. It assures the proposed project aligns with the university's campus master plan, strategic plan, academic plan, educational plant survey, and space utilization criteria. It includes a description and history of the project, information on the site and utilities infrastructure, and introduces the project budget and applicable building codes.

The BP is prepared by the University and approved by the president, as required by the Florida Board of Governors Regulation *14.006 Building Program and Fixed Capital Outlay Legislative Budget Request Procedures*.

If this project should be delivered by means other than Fixed Capital Outlay, this building program is not needed to conform to Board of Governors regulation 14.006; however, Facilities Planning & Construction Building Program Policy (FSP 2021 FS0025) requires BPs for all Capital Projects. FP&C Building Programs follow the same format as those prepared according to BOG 14.006.

- The President must approve the project
- The project complies with the University's approved campus master plan, educational plant survey, strategic plan, academic plan, and with space utilization criteria.
- There is a clear understanding of the history of the project, and information on the proposed site, utilities and services to the site, roads, parking and transit, building codes, and budget.

BOARD OF GOVERNORS REQUIREMENTS (PECO-ELIGIBLE PROJECTS)

BOG regulation *14.006, Building Program and Fixed Capital Outlay Legislative Budget Request Procedures*,² is included here in its entirety.

(1) The university is responsible for the preparation of the building program. The program shall be consistent with the university strategic plan, academic and facilities master plan, and shall include the project budget and the building codes applicable to the project.

(2) The university president shall have the responsibility for the building program review and approval to assure compatibility with the institution's approved strategic plan, master plan, educational plant survey and with space utilization criteria. Building programs approved by the university president, and budgets approved by the university board of trustees shall serve as the basic planning documents for development of plans and specifications for construction.

(3) All projects requested by a university for inclusion on the PECO-eligible priority list must have an educational plant survey recommendation.

(4) Proposals for fixed capital outlay projects to be funded by Capital Improvement Fees³ shall be prepared by the university, and submitted to the Board of Governors. Each proposed project shall be approved by the university president after consultation with the student government association. For the purpose of this regulation, "consultation" is

² Authority: Section 7(d), Art. IX, Fla. Const., History—Formerly 6C-14.0025, 1-24-89, Amended 1-13-99, Amended and Renumbered as 14.0025, 3-27-08, Amended 11-21-13, Amended and Renumbered as 14.006 5-5-20.

³ Capital Improvement Trust Fund fees are also known as CITF.

defined as an ongoing dialogue with the student body president prior to developing the university proposal. An attachment containing any objections and alternatives, and stating that both the university president and the student government association have reviewed the project proposals, shall be included in the proposal.

(5) Each university board of trustees will submit to the Chancellor’s Office a Fixed Capital Outlay Legislative Budget Request. Such requests shall be made in accordance with the fiscal policy guidelines, formats, instructions and schedule provided by the Chancellor.

UCF REQUIREMENTS

UCF follows an internal checklist of requirements for Capital Projects. Steps taken or needed are described in other chapters:

| | |
|---|-------------|
| The project is on the Campus Master Plan | Chapter 8.0 |
| The project is on the Educational Plant Survey, if required | Chapter 5.0 |
| The project is on the Capital Improvement Plan (CIP) | Chapter 4.0 |
| The project has BOT Individual Project Approval | Chapter 4.0 |
| The project has a completed Certification of Funding Form | Chapter 4.0 |
| The project has gone back to the BOT for approval for a Budget increase of 10% or more, if required | Chapter 4.0 |

2.0 PROJECT OVERVIEW

Chapter 2 provides general information about the project.

PROJECT DESCRIPTION

The proposed College of Nursing Building (Bldg. 1003) on the UCF Academic Health Sciences campus (AHSC) will replace the college's current academic home located in University Tower (Bldg. 8118) in the Central Florida Research Park.

The College of Nursing Building at Lake Nona will be a "Limited-Access Upper-Division Program," focusing on the final two years of the Bachelor of Science in Nursing (BSN) degree program, as well as Master's and Doctoral Programs.

The proposed College of Nursing Building will include 60,000 net assignable square feet (NASF) of space, to be assigned to the College of Nursing. If built as a freestanding facility, serving only the College of Nursing, the entire building will be 90,000 gross square feet (GSF).

EXISTING SPACE

UCF Space Administration reports that the most up-to-date rent roll indicates that the College of Nursing (CoN) leases 49,535 square feet of the available 97,692 square feet in University Tower. This square footage includes all "useable space", not just space assigned to the academic unit. Useable space includes corridors, stairs, elevators, restrooms, mechanical space, and other spaces that are not assigned to a college, department, or unit.

CoN has space on floors three, four, and six of University Tower. Space Administration reports that University Tower is actually 105,872 GSF. Space Administration completed a building plan validation in June 2021 confirming that CoN is assigned 31,834 NASF in University Tower.

BUILDING OCCUPANTS

The facility will house the entire UCF College of Nursing, providing classrooms, teaching labs, research labs, study space, and offices.

See Chapter 7.0 ACADEMIC MASTER PLAN for a list of the CoN academic programs that will be served by the new facility.

ALTERNATIVES CONSIDERED

The College of Nursing has been located in University Tower in the Central Florida Research Park since 2010, continuing to expand within University Tower as space became available.

Continued growth within University Tower would not serve CoN or UCF as effectively as collocating the college on the UCF AHSC at Lake Nona.

3.0 SITE & UTILITIES

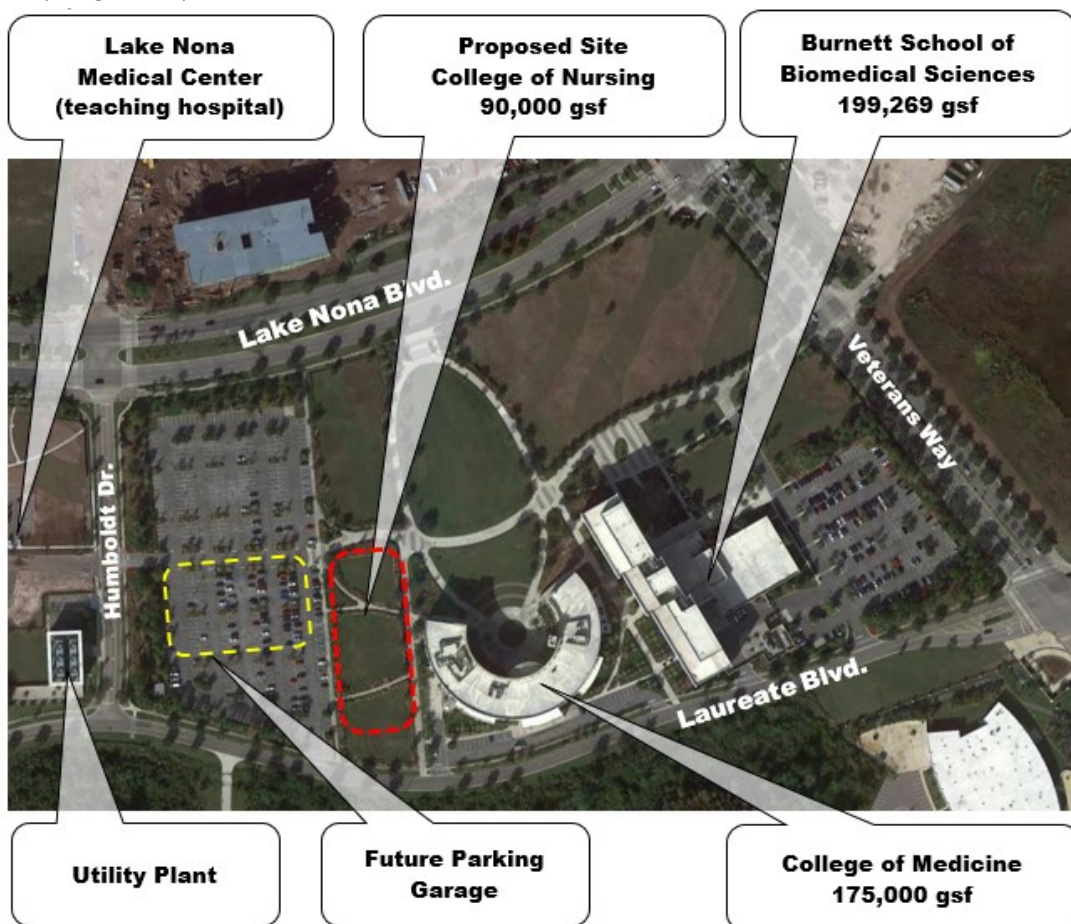
Chapter 3 provides specific information about the project site, utilities and services.

PROPOSED SITE

The proposed location of the College of Nursing Building is on the UCF Academic Health Sciences Campus (AHSC), a part of Lake Nona Medical City. Medical City is a 650-acre health and life sciences park within the City of Orlando master-planned community of Lake Nona.

The UCF AHSC at Lake Nona is a state-of-the-art complex that includes four (4) UCF parcels totaling 87.229 acres, collocated near other hospitals and medical buildings, several of which are owned, used, or leased by UCF.

1. Parcel 26-24-30-7650-01-000, 27.493ac.- Site of the UCF College of Medicine (Bldg. 1002), Burnett School of Biomedical Sciences (Bldg. 1001), and the proposed College of Nursing (Bldg.1003)



2. Parcel 26-24-30-4932-02-001, 25.23ac.- Site of the Lake Nona Medical Center (Bldg. 1020) Teaching Hospital⁴ and Utility Plant
3. Parcel 26-24-30-1445-01-000, 12.001ac.- Site of the UCF Lake Nona Cancer Center (Bldg. 1050)⁵
4. Parcel 26-24-30-7650-02-000, 22.505ac.- Undeveloped land at the northeast corner of Veterans Way and Laureate Blvd.

⁴ The Lake Nona Medical Center is a partnership between UCF and HCA North Florida Division.

⁵ Formerly the Sanford Burnham Prebys Medical Discovery Institute, acquired by UCF in 2018.

Medical City also includes:

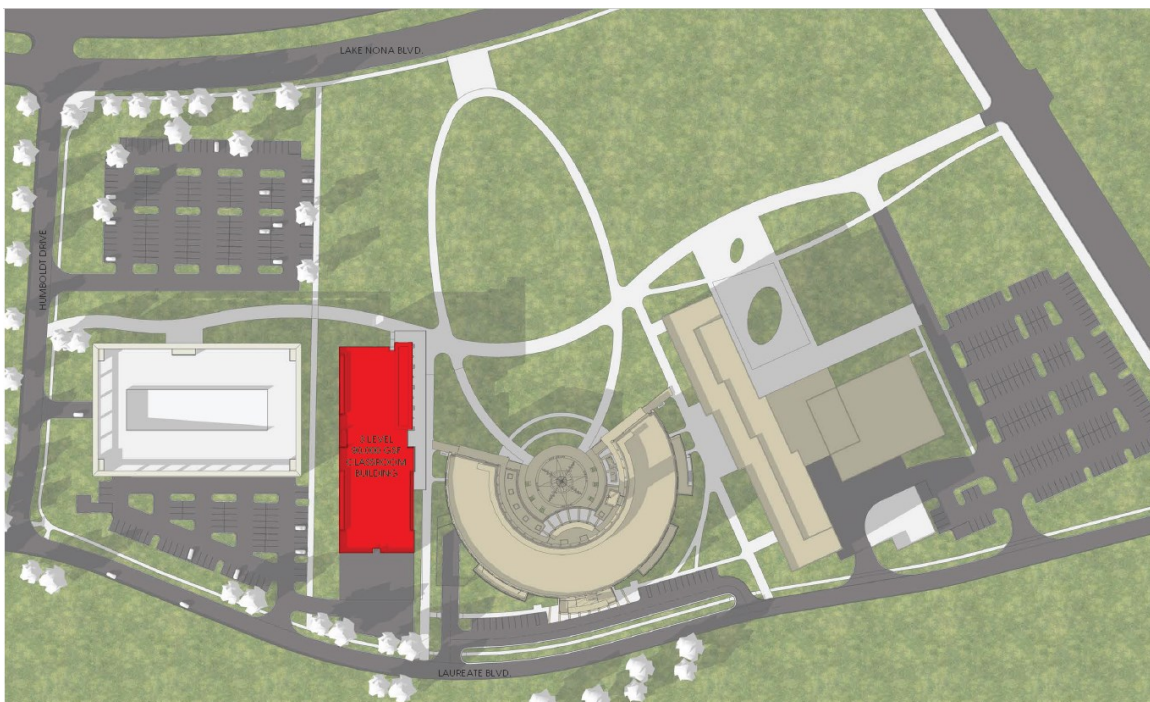
- UCF Health Gateway 9975 Tavistock Lake Blvd. (Bldg. 1028 Leased)
- Lake Nona Innovation Center 6555 Sanger Rd. (Bldg. 1031 Leased Suite 200)
- Nemours Children's Hospital 13535 Nemours Pkwy. (Bldg. 1051 Leased)
- University of Florida Academic and Research Center
- MD Anderson Orlando Cancer Research Institute
- Valencia College at Lake Nona
- Orlando Veterans Administration Medical Center

OCCUPANCY ANALYSIS

Occupancy Classification:

Dean Mary Lou Sole confirmed, on February 26, 2021, that “the proposed College of Nursing is not intended for use as a health care facility (hospital, outpatient surgical, or residential healthcare facility) now, or in the future. It is instructional only.”

The facility will not require a healthcare occupancy classification such as INSTITUTIONAL GROUP I-2. No patients will be treated in this facility. Like most UCF buildings, the facility would be BUSINESS GROUP B (Educational occupancies for students above the 12th grade) with some area classified as ASSEMBLY (large lecture halls).



SITE ANALYSIS

Roads:

The site of the proposed College of Nursing will be served primarily by Laureate Boulevard, immediately south of the site.

Parking:

The proposed site for the CoN will not eliminate parking; however currently available parking will not support the addition of a 90,000 GSF building.

The Academic Health Sciences Campus (AHSC) is currently served by several surface parking lots, providing 726 parking spaces.

- The College of Medicine (CoM) parking lot P3 is just West of the proposed CoN site and provides 512 spaces.
- The CoM parking lot P2 is south of CoM and provides 23 spaces.
- The Burnett School of Biomedical Sciences (BSBS) parking lot P1 is east of BSBS and provides 194 spaces.

A Parking Master Plan Study (6/26/2020) for UCF's AHSC Parcel 26-24-30-7650-01-000 (27.493ac)⁶ was prepared by HuntonBrady Architects. The study determined that parking for the existing CoM and BSBS requires a total of 723 cars according to Planning Method 2, which is based on building area. There are currently 726 spaces provided.

Under Method 2 in the study, the College of Nursing would require 270 parking spaces.

SITE DATA

HuntonBrady Method 2 - Parking Required by Building Area

Academic Use: 3.0 cars per 1,000SF of building area

CoM

| | | |
|--------------------------|---------|--------|
| Building Height | 4 | Floors |
| Total Bldg. Area | 175,000 | SF |
| Surface Parking Required | 525 | spaces |

CoN

| | | |
|--------------------------|--------|--------|
| Building Height | 3 | Floors |
| Total Bldg. Area | 90,000 | SF |
| Surface Parking Required | 270 | spaces |

Research Use: 1.0 car per 1,000SF of building area

BSBS

| | | |
|--------------------------|---------|--------|
| Building Height | 5 | Floors |
| Total Bldg. Area | 198,000 | SF |
| Surface Parking Required | 198 | spaces |

PARKING CALCULATIONS

| | | |
|------------------------|------------|---------------|
| Total Parking Required | 993 | spaces |
| Total Parking Existing | 726 | spaces |
| PARKING NEEDED | 267 | spaces |

The Parking Study will require an update to revise the College of Nursing Building from 150,000GSF to 90,000 GSF; and to align with a post-pandemic model that factors in more remote work and fewer offices.

⁶ The other three AHSC parcels were not investigated.

The HuntonBrady Parking Study indicates several options for increasing parking to meet demand when the College of Nursing Building is completed. Two of the options are:

- 1) Adding a new 292 car surface parking lot at the intersection of Lake Nona Blvd and Veterans Way (Northeast corner of the AHSC).
Total Parking = 1,018 spaces.
 - This option would serve CoN, but would eliminate a high-profile future AHSC building site.
- 2) Adding a new 845 car Parking Garage in lot PS1, west of the future CoN facility. This could leave 254 PS1 surface spaces around the garage.
Total Parking = 1,099 spaces for the site
 - This option would serve AHSC well, be expandable, and leave several excellent AHSC building sites available.
 - It takes UCF Parking & Transportation several years to budget for a parking garage, which includes about nine months to apply for debt.

Transit: UCF Shuttles travel between the UCF main campus (Physical Sciences Building) and the Academic Health Sciences Campus (AHSC) four times a day, five days a week, but do not operate during scheduled university closures or holidays.

LYNX FastLinks serving the UCF AHSC:

406 Downtown Orlando/Lake Nona/VA Hospital

407 Kissimmee/Lake Nona/VA Hospital/OIA

418 Meadow Woods/Lake Nona/Florida Mall

Stormwater: Site drainage will be developed by the project's Civil Engineers after the building footprint as been determined. Impervious surfaces will determine retention and/or detention ponds needed.

Tree Mitigation: If the project results in the removal of trees, the project budget must include tree replacement in accordance with any applicable tree mitigation policy.⁷

- *The project would cause the loss of 20-30 perimeter shade trees - some well-established, some not - and some palms.*

Wetlands and Conservation: Does the project impact any wetland or conservation areas?

- *This project site does not disturb any wetlands or conservation areas.*

UTILITY ANALYSIS

Power: Orlando Utility Company (OUC) will provide primary electrical service.

Potable Water: Orlando Utility Company (OUC) will provide potable water service.

Irrigation: Orlando Utility Company (OUC) Reclaimed Water Division will provide irrigation water.

Sanitary Sewer: Orlando Utility Company (OUC) will provide sanitary sewers.

Heating & Cooling: General comfort cooling will be distributed to the project by the UCF Utility Plant at the intersection of Laureate Boulevard and Humboldt Drive.

⁷ City of Orlando or UCF Landscape and Natural Resources.

- OUC's plant is designed for 14,600 tons. Currently 3,950 tons is installed and subscribed to by UCF's College of Medicine and the UCF Cancer Center.
- While the OUC plant has capacity, the assets installed for chilled water generation match only the current connected demands. OUC will have to purchase additional equipment to support the CoN.
- If this is the desired direction, UCF must provide one year's advance written notice of intent to add additional cooling assets and update the existing Franchise Agreement. BOT approval will be required, as the value of the contract will be greater than \$5M.

NOTE: See comments under CHAPTER 3.0, Occupancy Analysis: This is not a healthcare facility. No human patients will be treated in the facility. Therefore, HVAC in the College of Nursing Building need not comply with "2019 ASHRAE Applications Handbook Chapter 9 Health Care Facilities" During design, the consulting engineers must reaffirm that patients will not be treated in the facility and that elevated levels of HVAC service will not be required.

- Capacity for any elevated level of HVAC service is likely outside of what OUC will be able to provide from a central plant.

Heating:

Domestic, process water, and re-heat for dehumidification will be distributed to the project by adding local boilers with reserve capacity.

Natural Gas:

TECO's People's Gas

Telecom:

UCF IT

Outside Plant Duct Bank and Fiber

- A new OSP duct bank will be needed from the Lake Nona maintenance hole 2 to a new proposed maintenance hole located in between the proposed College of Nursing and a future Parking Garage.
- Two new OSP duct banks will be needed from the new proposed maintenance hole into the College of Nursing MDF and the future parking garage MDF.
- OSP fiber and copper will connect the buildings to the UCF IT Telecom enterprise system backbone.

Structured Cabling

- All structured cabling will be installed by UCF IT Telecom and in accordance with the UCF IT Telecom standards and guidelines.

Network Infrastructure

- UCF Enterprise Network Equipment will be installed throughout the building's MDF/IDFs to support all peripheral connectivity (items such as IP cameras, desktops, access control, printers, audio/video, etc.)
- Wireless Access Points (WAPs) will be installed throughout the building to provide 100% interior coverage. Exterior coverage will vary based on design and format of the building.

Voice

- UCF IT enterprise voice will be installed throughout the buildings utilizing UCF prefix (882 or 823).
- Any Emergency Blue Light Phones (EBLPs) that are required will be determined by the Police Department (PD) and Emergency Operations Center (EOC).

- UCF IT would install the EBLP in accordance to current UCF IT Telecom standards and guidelines.

Radio/Distributed Antenna System (DAS)

- UCF IT Two Way Radio system will be active within the building and available to departments for use.
- Public Safety DAS will be tested and if required installed in the building to support first responders.
- Cellular DAS testing may occur for future design and carrier build out. Note this system is carrier dependent and is not required to open the facility.

CATV

- UCF IT Telecom will work with the provider under contract to provide CATV connectivity. Medium may vary based on technology available.

SERVICES

Police Protection: The AHSC is served by the Orlando Police Department and the UCF Police Department (UCFPD). UCFPD is the primary responding agency for UCF buildings. Orlando Police responds to all other areas. UCFPD has an office in the College of Medicine Building.

Fire Protection: The nearest Fire Station is Orlando Fire Station 16 at 12375 Lake Nona Gateway Rd., approximately 1.25 miles from the AHSC.

Trash Removal: Garbage/Recycling for zip 32827 is provided by the City of Orlando Solid Waste Division

4.0 HISTORY - APPROVALS & NEXT STEPS

Chapter 4 provides a history of the project, including approvals and the next steps to be taken.

HISTORY OF THE COLLEGE OF NURSING AT UCF

- 1978** The State of Florida Board of Regents and the Florida Board of Nursing authorized UCF to start a Bachelor of Science in Nursing (BSN) program.
- 1979** UCF admitted the first class of 50 undergraduate students. The inaugural class graduated in May 1981 with BSN degrees.
- 1981** The BSN program received accreditation from the National League of Nursing.
- 1982** The Nursing Program received a designation as a Department of Nursing by UCF.
- 1986** The Department of Nursing moved to a much larger space in the Health and Physics building, now known as the Math Sciences Building (Building 12).
- 1995** The Department of Nursing officially became the School of Nursing within the former College of Health & Public Affairs (COHPA).
- 2007** The School of Nursing became the College of Nursing (CoN).
- 2010** The College of Nursing relocated to the University Tower in the Central Florida Research Park.
- 2017** The College of Nursing received full reaccreditation from the Commission on Collegiate Nursing Education (CCNE) for all of its BSN, MSN, DNP and post-graduate advanced practice registered nurse (APRN) certificate programs.
- 2018** UCF announced plans to create a state-of-the-art Academic Health Sciences Center at Lake Nona Medical City in Orlando. The intent was to bring together the College of Medicine, the College of Nursing, the newly formed College of Health Professions and Sciences (CHPS) and the proposed UCF teaching hospital, in close proximity to many other Medical City facilities.

CAMPUS MASTER PLAN ACTIONS

The College of Nursing Building was included in the 2020-30 Campus Master Plan, and in two others before that. See Chapter 8.0 for details.

EDUCATIONAL PLANT SURVEY ACTIONS

No College of Nursing project was included in the current *2021-26 Educational Plant Survey*; but it was included in the *2015 Educational Plant Survey*. See Chapter 5.0 for details.

FIVE-YEAR CAPITAL IMPROVEMENT PLAN (CIP) ACTIONS

A College of Nursing project has been included in many CIPs⁸

- 2022-23 CIP (BOT approval June 17, 2021 and June 30, 2021-revised)
COLLEGE OF NURSING was included under ALL PROPOSED DEBT OR P3 PROJECTS for FY 2022-23 THAT REQUIRE LEGISLATIVE APPROVAL (Back of Bill)
\$63,781,430; 90,000 GSF
- 2021-22 CIP (BOT approval 6/18/2020)
COLLEGE OF NURSING was included under “ALL PROPOSED DEBT OR P3 PROJECTS for FY 2021-22 that Require Legislative Approval” (Back of Bill)
\$108,834,736; 150,000 GSF

⁸ CIPs approved prior to 2012-13 do not have attachments in the BOT minutes.

- 2020-21 CIP (BOT approval 7/18/2019)
CoN was not included in the 2020 CIP
- 2019-20 CIP (BOT approval 7/19/2018)
PECO Rank 8. HEALTH SCIENCES AND COLLEGE OF NURSING BUILDING (P,C,E)
(formerly known as College of Nursing) \$19,000,000 in YR #3 (2021-22)
- 2018-19 CIP (BOT approval 7/20/2017)
PECO Rank 4. COLLEGE OF NURSING & ALLIED HEALTH \$83,216,700
- 2017-18 CIP (BOT approval 7/28/2016)
PECO Rank 11. COLLEGE OF NURSING & ALLIED HEALTH \$73,500,000
- 2016-17 CIP (BOT approval 6/29/2015)
PECO Rank 18. COLLEGE OF NURSING \$59,696,720
- 2015-16 CIP (BOT approval 7/31/2014)
PECO Rank 16. COLLEGE OF NURSING \$45,542,631
- 2014-15 CIP (BOT approval 7/25/2013)
PECO Rank 14. COLLEGE OF NURSING \$44,649,638
- 2013-14 CIP (BOT approval 7/26/2012)
REQUESTS FROM OTHER STATE SOURCES Rank 1. COLLEGE OF NURSING
\$44,649,638

ACADEMIC PROGRAMMING

In April 2021, the College of Nursing and Facilities Planning & Construction published an Academic Program Statement (APS) and a Summary of Required Spaces (SRS) describing exactly how the College would use 60,000 Net Assignable Square Feet of new space in the College of Nursing Building. see Appendix.

CONCEPTUAL RENDERINGS

In Summer 2021, the Orlando firm of *HuntonBrady Architects* was engaged to provide renderings and conceptual floor plans to support a future philanthropic campaign; and to align with the Academic Program Statement and Summary of Required Spaces published in April 2021.

NEXT STEPS

- **Building Program** - The University President must approve this Building Program.
- **Campus Master Plan action** - See Chapter 8.0 none Minor Amendment required
- **Individual Project Approval** - The Board of Trustees Facilities and Infrastructure Committee replaced the Facilities and Finance Committee in July 2021. The F&I Committee charter states: "The Committee will review and recommend the following to the Board for action: Construction projects (new, remodeling, site work) with a projected total project cost in any amount greater than \$2 million, and any material changes to the projects."
- **Capital Projects Funding Certification Form** - For any capital project exceeding \$2 million, this form must be signed by the University President, the Vice President submitting the item, the Chief Financial Officer, and the General Counsel, certifying "that the ... capital project ... has been reviewed and approved and the type of funding for the project is authorized by state law and Board of Governors Regulations" and "University facilities seeking funding by the Legislature, including the PECO list, and the Capital Improvement Program."
- **Budget Increase Approval** (if needed)

5.0 EDUCATIONAL PLANT SURVEY

Chapter 5 describes compatibility with the educational plant survey, per BOG 14.006 (2) and if required.

THE CURRENT EDUCATIONAL PLANT SURVEY (EPS)

The *UCF 2021-2026 Educational Plant Survey* is the current EPS. It was approved by the UCF Board of Trustees on April 22, 2021 and forwarded to the State University System of Florida Board of Governors for approval in June 2021.

- The College of Nursing Building was not survey-recommended in the *current* EPS.

ADDING A PROJECT TO THE EDUCATIONAL PLANT SURVEY

At any time, the Educational Plant Survey may be amended to add a project. First UCF must request a Supplemental Survey, aka “spot survey,” by the SUS Board of Governors (BOG) staff. Then UCF must receive Board of Trustees approval to amend the EPS.

THE EDUCATIONAL PLANT SURVEY AND THE CAPITAL IMPROVEMENT PLAN (CIP)

BOG Regulation 14.006(3) reads “All projects requested by a university for inclusion on the PECO-eligible priority list must have an educational plant survey recommendation.” On the 2022 CIP (submitted 2021), the “College of Nursing” was on the Back of Bill,⁹ as needed to acquire legislative approval. Because it was not on UCF’s PECO request, it didn’t need to be on the EPS.

The Florida Legislature appropriated funding for the UCF “Nursing Building” in the SFY 2022-2023 Budget, without proviso requiring an EPS recommendation.¹⁰ If this appropriation is approved by the Governor, UCF will receive partial funding in the amount of \$29,000,000. When a project is allocated partial funding, it is considered “incomplete” per statute; and will be automatically included in the *preliminary selection group* for scoring/ranking the following year(s), pursuant to f. s. 1001.706(12)(d).¹¹

UCF has elected to request PECO funds for the project on the 2023 CIP, placing it as our #2 priority.

UCF Space Administration received the following confirmation from the Board of Governors staff that the CON does not need to obtain an amended survey to be included as UCF’s #2 PECO-eligible project.

- Kristine Azzato, Assistant Director, Facilities, SUS Board of Governors, 4/8/22 email: “The projects that are legislative initiatives were funded without regard to the status of an EPS Recommendation, and there was no proviso requiring the contrary. Therefore, we interpret the legislature’s actions to have effectively waived the EPS Rec (and related statutory requirements) for those projects. UCF will need to complete a detailed CIP for the project, as usual, but when required to note the specific EPS Rec for the project, UCF can add a footnote indicating the Rec was waived via legislative initiative, or more specifically, “N/A: 2022 GAA Section 197, Legislative initiative project funded w/o EPS Rec.”
- Kristine Azzato, BOG, 4/8/22 email: “In addition to the (above), once UCF has submitted the CIP for the Nursing Building, the project will be scored and placed on the list (the PECO Preliminary Selection Group) accordingly.”

⁹ Back of Bill or BoB is part of the CIP-1 Narrative Overview

¹⁰ Despite CoN not having an EPS recommendation, the facility’s E&G space will be included in inventory in determining space needs during the next EPS cycle.

¹¹ f. s. 1001.706(12)(d): *The board shall continually maintain a list of all public education capital outlay projects for which state funds were previously appropriated which have not been completed. The list shall include an estimate of the amount of state funding needed for the completion of each project.*

6.0 STRATEGIC PLAN

Chapter 6 indicates consistency and compatibility with the university strategic plan, per BOG 14.006 (1) and (2).

THE CURRENT STRATEGIC PLAN

UCF is developing a new Strategic Plan in AY 2021-22 that aligns with the vision of UCF's President, Dr. Alexander Cartwright, and the UCF Board of Trustees.¹² This Strategic Plan will replace the "UCF Collective Impact Strategic Plan" (2016) and will build upon Dr. Cartwright's 2020-2021 Presidential Goals, which were approved by the UCF Board of Trustees in August 2020 and are guiding current institutional planning and leadership decisions.

PRESIDENTIAL GOALS 2020-2021

UCF aspires to be one of the nation's leading innovative research universities, with a focus on student success and contributing to the betterment of society. A different kind of university driven by its entrepreneurialism and optimism, UCF will not be defined by its contemporaries, and rather seeks to forge a new path with the potential to be a leading metropolitan research university that will help to define the future of higher education.

Following years of growth, the university will now focus on building the critical infrastructure that will support its pursuit of excellence. UCF will have a national, and in key areas, international reputation as a new kind of metropolitan public research university that is tightly coupled with its community and can work toward quickly becoming a top 50 public national university and ultimately be considered for membership in the prestigious Association of American Universities.

1. Build a strong leadership team with a focus on improving administrative infrastructure and systems that drive efficiency and effectiveness.
2. Invest in academic excellence to drive greater student success and research outcomes.
3. Deliver action on diversity, equity, and inclusion initiatives and become an example for how a community fully commits to inclusive excellence.
4. Build a culture of trust, engagement and accountability across our entire team of employees by making UCF one of the best places to work in Central Florida.
5. Elevate and promote UCF's excellence and its national reputation through our efforts in advancement, government and community relations, and communications and marketing efforts.

PROJECT ALIGNMENT WITH THE PRESIDENT'S GOALS

Goal 2 - Creating a new College of Nursing Building is a way of "investing in academic excellence to drive greater student success..."

Goal 5 - Expanding our nursing programs and graduating well-educated and highly skilled nurses, will "elevate and promote UCF's excellence and its national reputation..."

FLORIDA NEEDS NURSES

The Florida Center for Nursing (FCN) reports on nursing workforce issues, and stated in a [2019 FCN Report](#) that "Florida is experiencing a critical shortage of registered and licensed practical nurses which is expected to worsen as demand increases."

Ranked among the best in the nation and accredited by the [Commission on Collegiate Nursing Education](#), the UCF College of Nursing has been leading the charge in educating the next generation of nurses for 40 years.

¹² UCF's strategic plan effort is being led by Dr. Ronald F. Piccolo, Chair of the Department of Management and the Galloway Professor of Management in the College of Business. He is also Special Advisor to the President for Strategic Planning.

¹⁶ | BP College of Nursing Building

7.0 ACADEMIC MASTER PLAN

Chapter 7 confirms consistency with the academic master plan, per BOG 14.006 (1).

ACADEMIC PROGRAMS TO BE IMPROVED

The proposed College of Nursing Building will add and improve space for all Nursing academic programs.

| Academic Unit | CIP Code | Term Start | Program Name | Degree |
|------------------|----------|------------|------------------------|--------------------------------|
| Nursing Practice | 51.3801 | Spr 1979 | Nursing (BSN) | Bachelor of Science in Nursing |
| Nursing | 51.3801 | Fall 1995 | Nursing (MSN) | Master of Science in Nursing |
| Nursing | 51.3808 | Sum 2003 | Nursing (PhD) | Doctor of Philosophy |
| Nursing | 51.3818 | Fall 2007 | Nursing Practice (DNP) | Doctor of Nursing Practice |
| Nursing Systems | 51.3801 | Sum 2018 | Nursing RN (BSN) | Bachelor of Science in Nursing |



ACADEMIC PROGRAM REVIEWS

Pursuant to Florida Statute, UCF conducts in-depth reviews of academic programs at least every seven years. The primary purpose is to examine the quality and productivity of academic programs with a goal to develop recommendations leading to program improvement. The reviews include Cost & Financial Health criteria, to which *new facilities* can contribute in a positive way.

In 2017, the CoN received full reaccreditation from the Commission on Collegiate Nursing Education (CCNE) for all of its BSN, MSN, DNP and post-graduate advanced practice registered nurse (APRN) certificate programs.

The following space deficits were noted in the 2017-18 Academic Program Reviews:¹³

¹³ Academic Program Review information was provided by Brett Morrison of UCF Academic Program Quality (APQ) in the Office of the Provost.
BP College of Nursing | 17

| Program | Degree | CIP | Last Review | Space Needs |
|------------------|---------------|------------|--------------------|--|
| Nursing | BSN | 51.3801 | 2017–18 | Continue to work with administration to identify opportunities for increasing classroom and laboratory space |
| Nursing Practice | DNP | 51.3818 | 2017–18 | Explore options to meet space needs; work with the facilities scheduler across departments to ensure scheduling of clinical laboratory experiences |

In addition, external consultants offered the following space-related recommendations to the college as a whole:

- Explore options to meet space needs and support evolving collaborative research with the goal of space at the Health Science Campus at Lake Nona.
- Increase national and international profile of health care simulation programs (e.g., potential creation of health care simulation center).

The next review of the College of Nursing programs will be in 2025-2026.

If design of a new facility begins after the next APRs, FPC should check back with APQ to determine if there are other space deficiencies that need to be addressed by the new facility.

8.0 CAMPUS MASTER PLAN

Chapter 8 describes consistency/compatibility with the approved campus master plan, per BOG 14.006 (1) and (2).

THE CURRENT CAMPUS MASTER PLAN (CMP)

Campus planning and concurrency management in the State University System (SUS) are governed by Florida Statute 1013.30. The Florida Board of Governors further details the requirements of campus master plans (see BOG Regulations Chapter 21).

Only the UCF Main Orlando Campus requires a Campus Master Plan and Campus Development Agreement; all other UCF Educational Sites are governed by the comprehensive plan(s) of their host local governments.

The 2020-30 Campus Master Plan (CMP) was adopted by the UCF Board of Trustees in November 2019; and is consistent with the State Comprehensive Plan and not in conflict with the Comprehensive Plan of Orange County - its host local government. It identifies general land uses, and addresses the need for and provision of roads, parking, public transportation, solid waste, drainage, sewer, potable water, and recreation and open space during the coming 10 years. The CMP also documents UCF's long-range plans for new facilities and major remodeling projects for the Main Campus, as well as for all other UCF Educational Sites.

A College of Nursing facility has been included in three CMPs:

- 2020-30 CMP - 10-YEAR SCHEDULE OF CAPITAL PROJECTS (SCP)
COLLEGE OF NURSING AND HEALTH SCIENCES BUILDING 150,000GSF NonState Funding
- New academic home for College of Nursing (~100KGSF) Additional space for other CHPS Units (TBD).
- 2015-25 CMP - CAPITAL IMPROVEMENTS LIST
PECO Item 14. COLLEGE OF NURSING 119,206nasf 170,684gsf \$34,767,122
- 2010-20 CMP - CAPITAL IMPROVEMENTS LIST
PECO Item 17. COLLEGE OF NURSING 119,206nasf 170,684gsf \$34,767,122
Courtelis Item 56. COLLEGE OF NURSING \$3,871

The UCF Academic Health Sciences Campus (AHSC) is a UCF Educational Site lying within the Southeast Orlando Sector Plan/Lake Nona area (the Medical City), a 17-square-mile master-planned community. It is governed by the City of Orlando's Comprehensive Plan which is known as the Growth Management Plan.

CONSISTENCY WITH GOALS, OBJECTIVES OR POLICIES OF THE CMP

Regardless of the governance of the AHSC, the College of Nursing Building will comply with the UCF CMP, including, but not limited to:

2.0 FUTURE LAND USE & URBAN DESIGN - 2.2 Urban Design

GOAL 1: To create developmental patterns that direct future growth to appropriate areas on campus, promote the educational mission of the University, protect environmentally-sensitive areas, and ensure compatibility with the community.

OBJECTIVE 1.6: Develop energy-efficient campus facilities, as detailed in the UCF Standards.¹⁴

POLICY 1.6.9: All new UCF buildings shall be LEED-certified (Leadership in Energy and Environmental Design), and each new project shall achieve LEED Gold certification as defined by the U.S. Green Building Council.

¹⁴ Standards refers to the UCF Design, Construction, and Renovation Standards.

UPDATING THE COLLEGE OF NURSING PROJECT IN THE CMP

The current 2020-30 Campus Master Plan indicates a 150,000 GSF College of Nursing Building. A minor amendment will be submitted to the Board of Trustees to revise the building to match the size and scope outlined in this Building Program.

9.0 SPACE UTILIZATION CRITERIA

Chapter 9 indicates compatibility with space utilization criteria, per BOG 14.006 (2).

COMPLIANCE STATEMENT

- The project will be compatible with State Space Criteria, University Space Criteria, and Project-Specific Space Criteria.

STATE SPACE CRITERIA

State criteria is available to guide space planning in Florida institutions of higher education, including the *State Requirements for Educational Facilities, 2014 (SREF)*. The Florida Building Code (FBC) has not adopted SREF for Universities, therefore occupancy load factors must comply with FBC over SREF.

The State University System “Space Needs Generation Formula” recognizes the following space categories:

| Instructional/Research | Academic Support | Institutional Support |
|--|--|---|
| Classrooms Teaching Laboratories Research Laboratories | Study Facilities Instructional Media Auditorium/Exhibition Teaching Gymnasium | Office/Computer Campus Support Services |

SREF Chapter 1, Section 1.2 Definitions (page 10, item 86) describes the following types of square footage for net/gross calculations in a postsecondary facility:

- Assignable Square Footage (ASF)... the enclosed and interior floor area assigned to or available to be assigned to an occupant or specific use.
- Non-Assignable Square Footage ...the floor area of a building not available for assignment ... but necessary for the general operation of the building; (e.g.) custodial, circulation, mechanical and toilet areas.
- Net Square Footage (also, Net Usable Square Footage). This includes assignable square footage and useable nonassignable square footage.
- Structural Square Footage. The floor area of a building that cannot be occupied or used because of structural building features...interior and exterior walls, or unusable areas in attics.
- Gross Square Footage (GSF). The sum of all floor areas on all floors of a building included within the outside faces of its exterior walls.

UNIVERSITY SPACE CRITERIA

University criteria includes *UCF Policy 3-126 Space Allocation and Use (August 8, 2018.)* Of particular note is this, under Item D. Offices:

“UCF faculty and staff may only have one office, regardless of position or titles (i.e., faculty member and chairperson). However, individuals whose work assignments require that they spend significant time in more than one building may use shared office space in the building(s) where their office is not located.”

The College of Nursing has planned shared office space to serve Site Coordinators and others visiting from remote College of Nursing sites such as Altamonte Springs, Ocala, Cocoa, Daytona Beach, Palm Bay, Valencia, etc.

PROJECT-SPECIFIC SPACE CRITERIA

All assignable space is classified into Assignable Space Use Categories in accordance with the *Postsecondary Education Facilities Inventory and Classification Manual 2006 Edition (FICM)*; and aligns with the space categories in the State University System “Space Needs Generation Formula.”

Classrooms

The SUS Formula includes Classroom Facilities under INSTRUCTIONAL/RESEARCH.

The FICM describes them as 100 CLASSROOM FACILITIES, as “General purpose classrooms, lecture halls, recitation rooms, seminar rooms, and other spaces used primarily for instruction classes and not tied to a specific subject or discipline by equipment in the room or the configuration of the space.”

Laboratory Facilities

The SUS Formula includes both Teaching and Research Labs under INSTRUCTIONAL/RESEARCH.

The FICM describes both Teaching and Research Labs under 200 LABORATORY FACILITIES.

Class Laboratory (210) aka Teaching Laboratory – “A space used primarily for formally or regularly scheduled instruction that requires special purpose equipment or a specific space configuration for student participation, experimentation, observation, or practice in an academic discipline.”

Non-Class Laboratory (250) aka Research Laboratory – “A space used for laboratory experimentation, research, or training in research methods; professional research and observation; or structured creative activity within a specific program or for sponsored research.”



Office Facilities

The SUS Formula includes Offices under INSTITUTIONAL SUPPORT.

The FICM 300 OFFICE FACILITIES includes 310 Office “A space housing faculty, staff, or students working at one or more desks, tables, or workstations” and 350 Conference Room as “A space serving an office complex and used primarily for staff meetings and departmental activities.”

Study Facilities

The SUS Formula includes Study Facilities under ACADEMIC SUPPORT.

The FICM describes 410 Study Space as a subcategory of 400 STUDY FACILITIES, as “A room or area used by individuals to study at their convenience, the space not being restricted to a particular subject or discipline by contained equipment.”

Instructional Media

The SUS Formula includes Instructional Media under ACADEMIC SUPPORT.

The FICM includes 530 Media Production as a subcategory of 500 SPECIAL USE FACILITIES, as “A space used for the production or distribution of multimedia materials or signals.”

10.0 PROJECT BUDGET

Chapter 10 includes the project budget, per BOG 14.006 (1).

FUNDING OF CAPITAL PROJECTS

Not all Capital Projects are eligible for all types of funding.

The types of funding that may be considered for this project include:

- Public Education Capital Outlay (PECO)
- Grants and Private gifts
- Public-Private Partnerships (P3)
- Carry-Forward balance may be used for PECO projects for which a previous appropriation has been provided, should the project require additional funds for completion.

Funding sources that are not appropriate for this project include:

- Capital Improvement Fees (CITF)
- Debt, the issuance of bonds (for organizations that have auxiliary revenue.)

PROJECT BUDGET

UCF Facilities Planning and Construction has estimated the probable cost of this project as follows:

| COLLEGE OF NURSING BUILDING (90,000 GSF) | |
|---|---------------------|
| BASIC CONSTRUCTION COSTS | |
| <ul style="list-style-type: none">• Building Cost• Site Preparation, Landscape/Irrigation• Telecommunications• Sanitary, Storm and Chilled water systems• Energy Efficient Equipment | |
| Probable Basic Construction Cost | \$47,811,790 |
| OTHER PROJECTED COSTS | |
| <ul style="list-style-type: none">• Professional Fees, Project management Fees, Fire Marshall Fees, Permit/Impact Environmental Fees• Inspection services, Insurance consultant, Surveys and tests,• Moveable Furnishings and Equipment, Art-In-State• Project Contingency | |
| Probable Other Projected Costs | \$15,969,640 |
| OPINION OF PROBABLE TOTAL PROJECT COST | \$63,781,430 |

Related Projects – from other sources or recurring charges

- City of Orlando Infrastructure Enhancements (See Utility analysis)
- Parking Lot or Garage

This opinion of probable cost was developed in April 2021 and first reported on the FY 22-23 Capital Improvement Plan, Back of Bill. The construction industry is experiencing significant labor shortages and supply chain disruptions, which are driving up the cost of construction and lengthening construction schedules. This opinion of probable cost will be re-evaluated during the design process for the project to determine if additional funding will be needed, or if programmatic changes must be made to stay within the budget.

APPROPRIATION FOR THE COLLEGE OF NURSING BUILDING

A Legislative Initiative¹⁵ in the Florida 2022-23FY Budget allocated partial funding for the College of Nursing Building under “University Projects not included in Board¹⁶ statutorily-required PECO List; i.e. not stated by the University as its #1 or #2 priority projects for FY22-23”

UNIVERSITY OF CENTRAL FLORIDA

Nursing Building (HB 3841) (Senate Form 2146)\$29,000,000

This budget allocation is subject to approval by the Governor.

CAPITAL RENEWAL AND DEFERRED MAINTENANCE

The Board of Governors (BOG) has adopted regulation [14.002 Reserves for New Construction](#) (effective July 1, 2022), stating that for “any new construction of an education & general (E&G) facility, funded in whole or in part with State appropriations, the university must institute a plan to reserve funds in an escrow account, specific to the project, into which shall be deposited each year an amount of funds equal to two percent (2.0%) of the total value of the building.

Based on the estimated total construction cost (\$47,811,790), this 2% annual reserve contribution would be \$956,236 per year.

PLANT OPERATION AND MAINTENANCE (PO&M)

The PO&M formula is a space/facilities operating funding model that was developed in 1993 by the State University System of Florida. It was used by the Governor and Legislature to provide operating resources for new space/facilities.

The state has not appropriated PO&M funding for several years; but the formula is used here to determine the level of funding that will be needed to maintain the facility described in this program:

- 90,000 GSF X \$15.61 per square foot = \$1,404,900

Moving forward, new facilities will require the university to identify a PO&M funding source that does not require any additional state appropriations; as was stated in the “2020-21 Legislative Budget Request Development Policy Guidelines.”

¹⁵ Legislative Initiative means the project wasn't in the Board of Governors prioritized list and it wasn't UCF's #1 or #2 PECO priority.

¹⁶ Board of Governors

²⁴ | BP College of Nursing Building

11.0 BUILDING CODES, STANDARDS, & REQUIREMENTS

Chapter 11 provides the building codes applicable to the project, per BOG 14.006 (1).

COMPLIANCE STATEMENT

- This project will comply with all applicable codes, laws, standards, statutes, and regulations.

BUILDING CODES

The codes applicable to this project include, but are not limited to:

- 7th Edition, 2020 Florida Building Code - Administered by UCF Building Department
- 7th Edition, Florida Fire Prevention Code - Administered by the Florida Division of State Fire Marshal

UCF STANDARDS & GUIDELINES

The project must meet UCF standards including, but not limited to:

- UCF Design, Construction, and Renovation Standards
Administered by UCF Facilities Planning & Construction
- Telecommunications Design Standards
Administered by UCF Information Technology (UCF IT)
- Campus Landscape Master Plan and Design Standards
Administered by UCF Landscape & Natural Resources (LNR)
- Office of Instructional Resources Design Standards (2019)
Administered by UCF Office of Instructional Resources (OIR)

FLORIDA STATUTES

F.S. Chapter 255 addresses requirements for public property and publicly owned buildings.

ENERGY AND SUSTAINABILITY

The Architects and Engineers of Record (A/E EOR) will need to address LEED and sustainability with respect to performance, energy, water conservation / efficiency, and LEED campus credit integration.

After design has begun, detailed criteria will be included in the Owner's Project Requirements (OPR), and the A/EOR will be required to provide a Basis of Design (BoD) that gives technical guidance for how these requirements will be incorporated into the design.

The project must meet energy standards including, but not limited to:

- Green Building Construction and Renovation Requirements
Administered by UCF Department of Utilities & Energy Services (UES), a division of UCF Facilities & Safety
- State of Florida Model Energy Efficiency Code for Building Construction
Administered by UCF Department of Utilities & Energy Services (UES), a division of UCF Facilities & Safety

APPENDIX

UCF Planning Documents

The following planning documents for the College of Nursing Building have been published on the FACILITIES PLANNING & CONSTRUCTION website, under the PLANNING tab. If approved by the President, this Building Program will be published there as well.

Summary of Required Spaces (SRS)

A Summary of Required Spaces is an early planning document that should be prepared for most large facilities, by UCF or by a Consulting Architect or Engineer (A/E).

The SRS captures exactly how the proposed occupants wish to use the space in a proposed building. It lists every room in the facility, along with its assignable square feet and a brief description. It records the total amount of assignable space, by space category, and the gross square footage.

The SRS can be used for early estimating or may be prepared to align space with an established maximum budget.

Link to the [College of Nursing SRS 4.14.21](#)

Academic Program Statement (APS)

An Academic Program Statement is an internal planning document for more complicated buildings or those that combine multiple colleges. It aligns with and further develops the SRS by providing a more detailed description of every room in the proposed facility.

The APS for the College of Nursing was prepared by the College and Facilities Planning & Construction.

Link to the [College of Nursing APS 4.14.21](#)



Capital Projects Funding Certification Form

This form is required as a condition for approval by the Finance and Facilities Committee and the Board of Trustees.

Project name/description: Health Sciences Campus Parking Garage

Funding source(s): Auxiliary Funds, Parking Services

This is to certify that the above capital project which exceeds \$2 million has been reviewed and approved and the type of funding for the project is authorized by state law and Board of Governors Regulations.

Alexander
Cartwright

Digitally signed by
Alexander Cartwright
Date: 2022.06.24
16:43:06 -04'00'

President

Date

Vice President

Date

6/22/22

Chief Financial Officer

Date

6/20/22

Youndy C. Cook

Digitally signed by Youndy C.
Cook
Date: 2022.06.17 13:45:05 -04'00'

General Counsel

Date

Board of Trustees
Special Meeting | July 12, 2022**BOT-8: FY2023-24 UCF Legislative Budget Requests (Operations)**

☐ Information☐ Discussion☒ ActionMeeting Date for Upcoming Action: July 12, 2022**Purpose and Issues to be Considered:**

The Board of Governors (BOG) has issued instructions to the universities to submit fiscal year 2023-2024 Legislative Budget Requests (LBRs) by July 15, 2022, in accordance with guidelines for its “Pillars of Excellence” initiative.

There are three Pillars of Excellence initiatives, including Performance-based funding, Preeminence/National Ranking, and University of Distinction. In addition to being eligible for Performance-based funding, of which the amount is determined by the BOG, UCF falls under the University of Distinction category.

SUS Pillars of Excellence: University of Distinction

The BOG’s guidance for submission in this category is to focus on one core competency unique to the State University System that achieves excellence at the national or state level, meets state workforce needs, and fosters an innovation economy that focuses on areas such as health care, security, transportation, and science, technology, engineering, and mathematics (STEM), including supply chain management. **Additionally, the guidance was to submit a proposal for the same area of distinction as previously submitted for 2022-2023.** UCF updated the 2023-24 University of Distinction LBR to concentrate on the same areas of focus, while also aligning with the university’s *Unleashing Potential* 2022-27 Strategic Plan.

LBR #1: *Unleashing Florida’s Innovation Economy through UCF’s STEM Talent Pipeline & Research Excellence* | Funding Request: \$28,002,220 (Recurring Funds)

Building on established areas of excellence and in alignment with UCF’s new strategic plan, UCF’s 2023 University of Distinction LBR builds on previous submissions, seeking funding to increase the quantity, quality and diversity of the STEM student pipeline to produce the needed creative talent, critically needed to fuel the expansion of Florida’s innovation economy.

This FY2023-24 request is designed to move several programs into Top 25 national ranking and enhance and expand UCF’s strengths in enabling technologies (such as AI/ML, AR-VR-MR, Cyber Security, and Modeling and Simulation) and strengthen partnerships in Space Technologies and Systems, Energy and Sustainability, Transformative Technologies and National Security, Health and Human Performance, and Entertainment and Immersive Experiences. These areas of UCF’s research, teaching, and industry partnerships represent pathways for technology and economic development, and integrate scholarly activities across all colleges in the university.

The funds requested in this LBR will complement the investment of a substantial portion of the FY2022-23 new base funding on faculty in the College of Engineering & Computer Science and accelerate our progress to Top 25 national rankings in these programs.

University Specific Proposals

Universities are also permitted to submit Legislative Budget Requests (LBRs) for university-specific initiatives that will not be included in the System request. The Board of Governors' instructions state that a university pursuing university-specific budget requests should also complete the forms for each request and submit them to the Board of Governors as information items. The Board of Governors takes no formal action on university-specific LBRs. UCF is submitting two LBRs in this category.

LBR #2: UCF Academic Health Sciences Center as an Accelerant of Research, Education, Workforce, and Florida's Economy | Funding Request: \$6,963,900 (Recurring); \$5,994,000 (Nonrecurring); Total Request: \$12,957,900

UCF proposes a Legislative Budget Request for a recurring state appropriation to build an integrated Academic Health Sciences Center (AHSC) for the future. UCF has proven strengths in the health disciplines. The strengths include the colleges of Health Professions and Sciences, Medicine, Nursing and Student Health Services, and their clinical partnerships across the state, and a new UCF hospital and cancer center in Lake Nona. Together, the integrated assets will allow UCF to address the greatest healthcare challenges of our time. The AHSC will:

- Advance the university's ability to secure federal research funding (e.g., NIH) and achieve its goal to become a Top 50 public research university.
- Grow the research portfolio and distinction by contributing to discoveries unique to the region's needs.
- Leverage synergies among the administration, faculty, staff, and students of AHSC members to advance interprofessional education (IPE) and multidisciplinary research initiatives.
- Increase operational efficiency through shared infrastructure and support services.
- Provide high-quality integrated and interdisciplinary patient care.
- Contribute to advancing health transformation and community engagement through education, research, and clinical practice to be well-positioned to tackle future health disasters.

The non-recurring funding request represents approximately half of the costs of laboratory and technology needs for research faculty and staff. The balance will come from other resources.

LBR #3: UCF PTSD Clinic for Florida Veterans and First Responders | Funding Request: \$750,000 (Nonrecurring)

UCF RESTORES PTSD Clinic is well known for its innovative three-week intensive outpatient treatment program and is the only program of its kind in the country. The program includes the use of virtual reality (sights, sounds, and smells) to enhance the effects of the therapy and has seen remarkable success. This funding request will cover the provision of clinical services at the Orlando clinic. It includes salaries and fringe benefits for master's level therapists and other key positions, as well as operational costs for the clinic. The request will allow the clinic to operate and serve Florida's veterans, active duty military, first responders, victims of mass shootings, sexual assault and other crimes at no cost for another year.

Background Information:

The Board of Governors has issued instructions to the universities to submit fiscal year 2023-2024 Legislative Budget Requests (LBRs) by July 15, 2022, in accordance with issues guidelines for its "Pillars of Excellence" initiative. The Pillars of Excellence initiative includes:

- Performance-based funding. The Board of Governors will determine the amount of funds to be requested.
- Preeminence / National Ranking (UF, FSU & USF).
- University of Distinction (UCF, FIU, FAU, FAMU, UNF, UWF, FGCU, NCF, FPU).

University of Distinction Proposals

The Board of Governors instructed state universities submitting University of Distinction proposals to:

- Focus on one core competency unique to the State University System that achieves excellence at the national or state level, meets state workforce needs, and fosters an innovation economy that focuses on areas such as health care, security, transportation, and science, technology, engineering, and mathematics (STEM), including supply chain management.
- Submit the same area of distinction as previously submitted for 2022-2023.

University Specific Proposals

Universities are also permitted to submit Legislative Budget Requests (LBRs) for university-specific initiatives that will not be included in the System request. The Board of Governors' instructions state that a university pursuing university-specific budget requests should also complete the forms for each request and submit them to the Board of Governors as information items. The Board of Governors takes no formal action on university-specific LBRs.

Recommended Action:

Approve UCF's FY2023-2024 legislative budget requests as proposed.

Alternatives to Decision:

The University of Central Florida's legislative budget requests are required to be submitted to the Board of Governors by July 15, 2022. If a university should choose not to submit a University of Distinction LBR, no funding will be included for that university in the State University System LBR, except for the university's share of performance funds.

Fiscal Impact and Source of Funding:

Attached proposals are a request for additional state funding.

Authority for Board of Trustees Action:

Section 1001.706(4)(b), Florida Statutes: The Board of Governors shall prepare the legislative budget requests for the State University System, including a request for fixed capital outlay, and submit them to the State Board of Education for inclusion in the K-20 legislative budget request. The Board of Governors shall provide the state universities with fiscal policy guidelines, formats, and instruction for the development of individual university budget requests.

Section 1001.7065 (7), Florida Statutes: The Board of Governors shall establish standards and measures whereby state universities that focus on one core competency unique to the State University System that achieves excellence at the national or state level, meets state workforce needs, and fosters an innovation economy that focuses on areas such as health care, security, transportation, and science, technology, engineering, and mathematics (STEM), including supply chain management, can be identified. The Board of Governors may annually submit such programs, excluding those from preeminent state research universities to the Legislature by January 1 for funding. Board of Governors Regulation 1.001 University Board of Trustees Powers and Duties (6) Financial Management: (a) Each board of trustees shall be responsible for the financial management of its university and shall submit an institutional budget request, including a request for fixed capital outlay, and an operating budget to the



Board of Governors for approval in accordance with the guidelines established by the Board of Governors.

Contract Reviewed/Approved by General Counsel ☐ **N/A** ☒

Committee Chair or Chair of the Board has approved adding this item to the agenda ☒

Submitted by:

Michael Johnson, Provost and Executive Vice President for Academic Affairs

Supporting Documentation:

Attachment A: LBR #1 - SUS Pillars of Excellence: University of Distinction: *Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline & Research Excellence*

Attachment B: LBR #2 - *UCF Academic Health Sciences Center as an Accelerant of Research, Education, Workforce, and Florida's Economy*

Attachment C: LBR #3 - *UCF PTSD Clinic for Florida Veterans and First Responders*

Facilitators/Presenters:

Alexander N. Cartwright, President
Provost Johnson

**State University System
Education and General
2023-2024 Legislative Budget Request
Form I**

| | |
|---|--|
| University(s): | University of Central Florida |
| Request Title: | Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline & Research Excellence |
| Date Request Approved by University Board of Trustees: | July 12, 2022 |
| Recurring Funds Requested: | \$28,002,220 |
| Non-Recurring Funds Requested: | |
| Total Funds Requested: | |
| Please check the request type below: | |
| SUS Pillars of Excellence Request | <input checked="" type="checkbox"/> |
| Shared Services/System-Wide Request | <input type="checkbox"/> |
| Unique Request | <input type="checkbox"/> |

- I. Purpose** – 1. Describe the overall purpose of the plan, specific goal(s) and metrics, specific activities that will help achieve the goal(s), and how these goals and initiatives align with strategic priorities and the 2021 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services. University of Distinction proposals should also address the requirements outlined in the separate guidance document.

1. Purpose

The University of Central Florida's research enterprise, its research infrastructure and its graduates are key drivers of Florida's high-tech economy. This University of Distinction initiative focuses on UCF's established areas of excellence which align with the workforce demands of Florida and the nation, and in which the additional investment will work to move programs into Top 25 national ranking.

To build on UCF's investments, and in alignment with previous submissions of this LBR and with the goals of UCF's strategic plan, the two specific goals of this 2023-24 University of Distinction LBR are outlined below.

Goal A: Enhance Research Excellence and Elevate National Rankings: UCF will enhance and expand its current strengths and partnerships in the following application areas: 1) Space Technologies and Systems, 2) Energy and Sustainability; 3) Transformative Technologies and National Security; 4) Health and Human Performance, and 5) Entertainment and

Immersive Experiences. These areas of UCF's research, teaching, and industry partnerships represent pathways for technology, and economic development and integrate scholarly activities across all colleges in the university. This goal aligns with UCF's strategic focus on *Discovery and Exploration*¹.

The areas of Space and Aviation and Energy are core business foci of the thriving defense industries, government agencies, and utility and power generation companies in Florida. These industries are supported by the enabling technologies, such as AI/ML, AR-VR-MR, Cyber Security and Modeling and Simulation.

These enabling technologies, which are UCF's strengths, and the resulting impactful, cross-cutting, and synergistic research in these areas, are also significantly supporting other Central Florida industries, and are strengthening a broad array of industries' business sectors that span a wide spectrum of needs in aviation, space, energy, healthcare, and entertainment themed experiences.

Goal B: Enhance the Workforce Talent Pipeline through Industry Partnerships: UCF will increase the quantity, quality, and diversity of the STEM (Science, Technology, Engineering and Mathematics) student pipeline, to produce the needed creative talent, critically needed to fuel the expansion of Florida's innovation economy. This goal aligns with UCF's strategic focus on *Student Achievement and Well-Being*¹.

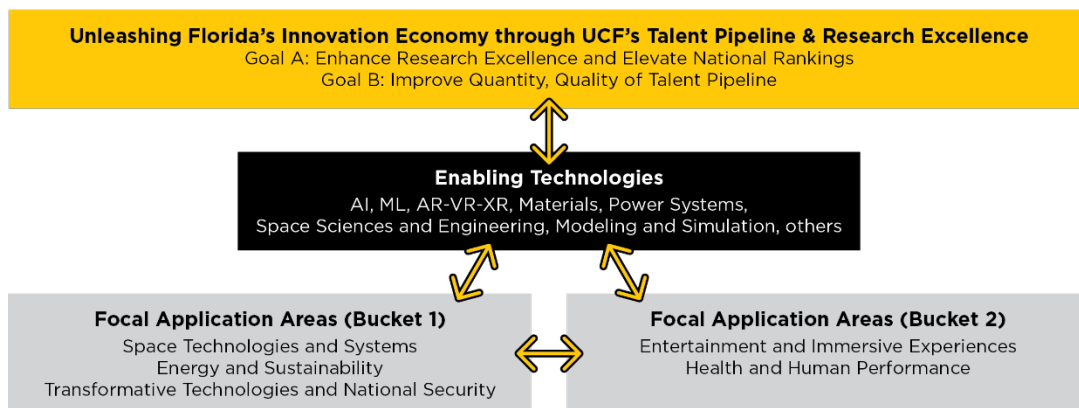


Figure 1: A pictorial illustration of the purpose of this LBR, its overarching goals (A and B), the Enabling Technologies where faculty hires will materialize, and the focal application areas (Bucket 1 (primary focus), Bucket 2 (secondary focus) as an integral component of the R&D work)).

To accomplish these goals, new resources (faculty, research and teaching student assistants, support staff) are needed. In particular, sixty-one (61) new T/TE (tenured, tenure-earning) faculty and forty (40) new lecturers will be hired, if this LBR is funded. These new faculty hires (T/TE), as they establish their research enterprises at UCF, will address challenging problems in the five focal application areas (see Figure 1), and will accelerate the success of our currently ranked programs, and simultaneously expand/strengthen existing resources and partnerships at UCF. Furthermore, these new faculty hires (lecturers) will help enhance the academic preparation of the incoming STEM student population so that they can succeed in key gateway STEM courses and graduate with a STEM degree.

The new resources will be primarily targeted towards three application focal areas, identified in UCF's Strategic Plan, and referred to as Bucket 1 (Primary Focus Application Areas), such as *Space Technologies and Systems*, *Energy and Sustainability*, and *Transformative Technologies and National Security*. However, hires in enabling technologies, such as Modeling and Simulation or AR-VR-XR, which support these Bucket 1 application areas will also support the other application areas, also identified in UCF's Strategic Plan, belonging to Bucket 2 (Secondary Focus Application Areas), such as *Health Care and Human Performance* and *Entertainment and Immersive Experiences*. This is because the application areas, identified in UCF's Strategic Plan, are overlapping and cross-cutting.

While in the preceding years of this State University System initiative UCF's University of Distinction funding request has not received project-specific state funding, the 2022 Legislature invested \$20 million in recurring operational support for UCF. Accordingly, in alignment with UCF's consistent focus on increasing STEM degrees and graduates, decreasing its student: faculty ratio, and partnering with high-tech industries to respond to innovative opportunities, UCF is committed to spend a substantial portion of that new revenue on building the academic pathways and research capability directly and indirectly responsive to the growing semiconductor and manufacturing industries in Central Florida.

The specific metrics that will measure the impact of the requested investment are listed in Section II of this LBR and align with UCF's Strategic Plan, *Unleashing Potential*¹.

Current and Projected Industry Needs in Florida and U.S.:

While engineering and manufacturing jobs are in such high demand nationwide, the number of vacant entry-level manufacturing positions continues to grow, and the manufacturing skills gap in the U.S. could result in 2.1 million unfilled jobs by 2030, according to Deloitte and the Manufacturing Institute². According to Enterprise Florida³ Florida's the state's 20,000+ manufacturing establishments produce almost everything (aerospace products, batteries, communications equipment, semi-conductors, other) and rely on the STEM workforce graduates by UCF and other SUS institutions.

Utilities, pipelines, power generation and healthcare systems are all vulnerable to cyber-attacks. Newsweek⁴ reports that over 350,000 cyber security jobs in the U.S. remain unfilled. Similarly, the need for workforce talent in computing areas is equally significant. The Bureau of Labor Statistics⁵ reports that employment of computer and information technology occupations is projected to grow 13 percent from 2020 to 2030, much faster than the average for all occupations. These occupations are projected to add about 546,200 new jobs.

With ever greater urgency, industries will require a highly educated, high-quality, talented, and creative pool ready to join a rapidly expanding STEM sector in and around Orlando and the State. The space/aviation and power industries in Central Florida are thriving and well-diversified. They conduct R&D tailored programs and have growing demands for highly skilled workers, fueling our economic engine, and impacting business in nearly all 23 counties [floridahightech.com⁶].

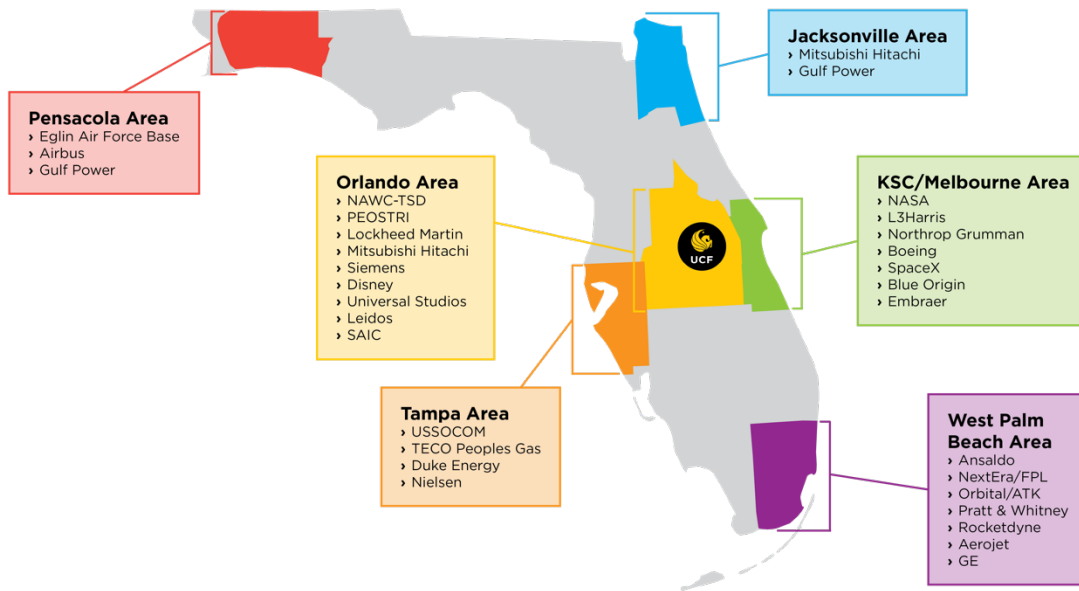


Figure 2: A diagram with Florida companies and government agencies and their respective locations in the State of Florida. These companies, government agencies have core business areas in the five focal application areas of Space Technologies and Systems, Energy and Sustainability, Transformative Technologies and National Security, Health and Human Performance, Entertainment and Immersive Experiences, which is this LBR's focus. UCF proposes to use enabling technologies such as Artificial Intelligence, Machine Learning, Augmented Reality, Virtual Reality, Modeling and Simulation and Cyber Security, to power up the institution with the intent of strengthening and expanding Florida's High-Tech economy.

UCF's Strengths and Industry Partnerships:

UCF is a major public research metropolitan University whose existing research infrastructure and student success are well-suited to support the technical challenges of the industry in the five focal application areas of Space Technologies and Systems, Energy and Sustainability, Transformative Technologies and National Security, Health and Human Performance, Entertainment and Immersive Experiences.

UCF is ranked among the top 15 most innovative universities in the nation by U.S. News & World Report. Groundbreaking research is being conducted in the above five focus areas, and UCF researchers have attracted over \$200M a year, for each of the past three years, external grants and contracts driving us to become a top university for producing patents and a powerhouse in scientific advancement. UCF's strength in the areas of focus is highlighted by the fact that Aviation Week has named UCF the No. 1 producer of graduates for the aerospace and defense industries for six consecutive years, and No. 2 for graduates with the skills most desired by employers in these industries.

UCF's Existing Strengths, Related Industries in the Five Focal Application Areas:

Space Technologies and Systems: Both the commercial and government/military space industry is booming on Florida's east coast, involving companies such as Boeing, Space X, Blue Origin, all with strong presence on NASA Kennedy Space Center's campus, a short driving distance from UCF's main campus. There is significant public and private sector investment in space exploration and the development of a vibrant, low Earth orbit economy.

UCF's strategic focus on space technologies and systems will capitalize on its distinctive history as the Space University, its unique research facilities, and its reliance on STEM

disciplines. Key areas of space research are conducted in the following colleges at UCF, as shown below.

UCF's College of Engineering and Computer Science remains ahead of the race to solve grand challenges to facilitate hypersonic travel and defense. CECS has received several DoD Joint Hypersonics Transition Office awards, amounting to millions of support, to develop solid fuel for space propulsion. Combustion studies of renewable fuels are investigated using laser spectroscopy diagnostics. These resources will accelerate R&D in hypersonics and train undergraduate and graduate students to maintain technological superiority.

UCF's College of Sciences has a well-known research program in Planetary Sciences with expertise in asteroids and comets and in exoplanets. One specific effort, funded by NASA is CLASS (Center for Lunar and Asteroid Science (CLASS)) node of the NASA Solar System Exploration Research Virtual Institute (SSERVI), which facilitates NASA's exploration of deep space by focusing its goals at the intersection of surface science and surface exploration of rocky, atmosphere-less bodies. Recently it was announced that NASA selected two UCF planetary scientists to lead a \$35M science mission with the goal of landing a spacecraft on the part of the moon not visited before – the Gruithuisen Domes.

The College of Optics and Photonics (CREOL) has important roles to play in space-related applications. Traditional imaging technologies are being enhanced using integrated photonics components for hyperspectral imaging, exoplanet imaging, etc.

Energy and Sustainability: Central Florida has a unique position in the world as a convergence for Turbine, Energy, and Space technologies. With the presence of Siemens Energy, Pratt & Whitney, Mitsubishi Power Systems, Hanwa/PSM Power Systems Manufacturing, Aerojet Rocketdyne, Florida Turbine Technologies, Chromalloy, Boeing, Lockheed Martin, Embraer, Kennedy Space Center in or near Central Florida, UCF has a unique opportunity to take a leadership role in innovation and advanced technology development in turbines for propulsion and power generation, and for portable and distributed power generation applications.

UCF has established a Center of Excellence called CATER (Center for Advanced Turbomachinery and Energy Research), whose focus is on power generation, aviation, and space propulsion. One of the recent grants awarded to CATER is from NASA (\$10M effort) to develop new technology that is expected to make airplane engines emission-free, with the potential to revolutionize the aviation industry. Ammonia will be tested as aircraft fuel. Ammonia, as a liquid at high altitudes, is a natural hydrogen carrier therefore, no special handling is needed. The industry collaborators on this project are Boeing, General Electric, ANSYS, Southwest Research Institute and the Greater Orlando Aviation Authority. The team will also develop new components for jet engines in addition to the new hydrogen fuel.

UCF has established another energy center called RISES (Resilient, Intelligent, Sustainable Energy Systems). Research in the Center focuses on the design of flexible, modular, self-healing, autonomous power systems. Such systems are critical in realizing the distributed design of the future grid, where each modular element must operate independently and co-operatively to ensure optimization, resilience, and security. The center leverages its knowledge in sustainable energy, smart communities, and intelligent transportation. RISES partners include Duke Energy, Florida Power & Light (FP&L), Orlando Utilities Commission (OUC), Siemens, General Electric (GE), National Renewable Energy Laboratory (NREL), Pacific

Northwest National Laboratory (PNNL), Oak Ridge National Laboratory (ORNL), and electric Power Research Institute (EPRI). RISES is one of the top 3 energy research university centers in the nation as measured by the DOE EERE funding. Some of its bigger energy projects include *Secure and Resilient Operations Using Open-Source Distributed Systems Platform*, and *Autonomous Inverter Controls for Resilient and Secure Grid Operation: Vector Control Design for Grid Forming*.

Transformative Technologies and National Security: UCF's fundamental technological know-how and research infrastructure are the appropriate elements to establish an ecosystem that promises sustained excellence and growth. Strengths in aviation, space and energy and technologies that fuel the success in these areas are illustrated by centers of excellence (energy, computer vision), clusters (cyber) and specialized academic programs (computer vision, cyber security, data analytics, AR/VR/MR).

One example of a transformative technology that continues to receive significant attention from industry and government agencies is AR/VR/XR, an area that attracts the interests of companies such as Apple, Meta, Nokia (interest on R&D for displays with a focus on AR/VR/MR). Furthermore, government agencies in UCF's Research Park (all DoD; co-located with UCF's School of Modeling and Simulation) have an interest in using AR/VR/XR to facilitate training and predictive maintenance.

Medical facilities in Lake Nona (e.g., one of the largest VA hospitals in the nation with its national simulation center, HCA's regional simulation center at UCF's Lake Nona Cancer center) have varying interests in this technology, such as using AR/VR/XR systems to allow surgeons to virtually perform robotic surgeries.

Finally, Electronic Arts (EA), headquartered in downtown Orlando) in the vicinity of Florida's Interactive Entertainment Academy (FIEA), whose neighboring existence helps rank Orlando as one of the top 10 best places for video gaming and entertainment, considers this technology as essential for their core business efforts. The interest in this area spans multiple colleges, such as College of Engineering and Computer Science, College of Sciences, College of Optics and Photonics, College of Arts and Humanities, and the School of Modeling and Simulation.

Another example of a transformative technology is Digital Twin⁷. Digital Twin is a digital replica of a physical object such as an aircraft engine or a transportation system⁸. It can be a digital reproduction of any system, from humans, to manufacturing processes, to transportation systems, to aviation, space systems, to power plants, and the list of possibilities is endless. Manufacturers are finding that this concept will reduce the development costs of the next generation of machines by well over 50 percent. Digital Twin is of interest to all industries of focus in this LBR (e.g., aviation, space, energy, DoD entities and industries in UCF's Research Park including the prominent entertainment industry, such as Disney and Universal, located in UCF's backyard).

Healthcare Systems and Human Performance: Tourism is the economic lifeblood of Florida. The pandemic has shown the vulnerability of this industry to health and safety threats and has cost our economy an estimated \$40B. The following are cutting-edge research taking place under the umbrella of the Health Care and Human Performance application area. This research also falls under the umbrella of National Security.

UCF's College of Engineering, College of Medicine, Rosen College of Hospitality Management are addressing a range of topics that are critical for understanding the crossroads of infectious diseases and tourism. Research activities include the study of novel vaccines, population health, bioinformatics, novel materials and community and industry relations.

The College of Engineering and Computer Science (CECS) has a new Ph.D. degree in Biomedical Engineering in collaboration with the College of Medicine (COM). This program relies on the strong faculty expertise in CECS and COM. The program will prepare graduates for life-long research careers addressing medical issues related to biomechanics and biofluid mechanics. Students will be able to apply engineering concepts to develop assistive and rehabilitative technologies, including devices and new technologies to improve diagnostic testing and human mobility, development of orthopedic implants, image guided surgery, and engineering-aided treatment planning of cardiovascular surgical repair. The focus on assistive and rehabilitative technologies is enhanced by the strong faculty expertise in the College of Health Professions and Sciences (CHPS). Of note is that UCF's Ph.D. program in Kinesiology (a STEM program under CHPS that addresses health and human performance issues) ranks in the top 10 nationally (2020 National Academy of Kinesiology Review and Evaluation of Doctoral Programs in Kinesiology).

UCF RESTORES is a clinical research center within the College of Sciences dedicated to changing the way that trauma and post-traumatic stress disorder are understood, diagnosed, and treated. Their use of virtual reality to treat people suffering from PTSD has led to the development of treatments that are more effective than standard psychological treatments.

Entertainment and Immersive Experiences: UCF is located at the center of the international hub of the themed entertainment industry. Seven of the top twelve attended theme parks and four of the top five waterparks worldwide are in Orlando⁸. UCF's graduate programs in Themed Experience are well positioned given UCF's ideal geographical proximity to the theme park and local entertainment industries (e.g., Universal Creative, SeaWorld Deep Blue Creative). The Character and Experimental Animation ranks No. 2 among top public animation schools and colleges nationally by Animation Career Review. *Americans for the Arts* statistics show the Theme Park creative positions in Orange County is 11,420 (this does not include the anticipated move of Walt Disney Imagineering to Lake Nona). Worldwide spending at theme parks is \$44.8B annually with a 6.5% growth anticipated annually. Florida's 6 major theme parks generate 78.8M visitors a year, with attendance expected to grow 3.8% annually. UCF's Florida Interactive Entertainment Academy is ranked top 15 in the world (currently ranked #1 by Princeton Review). FIEA has placed graduates in 140 companies (there are 30 local game companies in Orlando) and FIEA has partnerships with EA Sports, Disney, Microsoft, Monster Media, Lockheed, and n-Space.

Figure 3 (see below) provides a holistic view of the technological needs of industry and government that UCF will serve through this initiative. UCF will deliver impactful research that is cross-cutting, synergistic, and applicable across multiple business sectors (Goal A) and produce a talent pipeline that is creative, innovative, and technologically competent in technologies that are cross-cutting and synergistic (Goal B).

This investment will expand the diversity and strength of UCF's research portfolio in these focal application areas, enhance its ranking in many programs, and intensify the partnerships with the related industries in Florida. UCF has key infrastructure labs to do research in these

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Figure 3: Cross-cutting and synergistic business sectors that UCF will serve through this LBR. These sectors are aligned with UCF's Strategic Plan focal application areas. The pictorial shows the three Bucket 1 (primary focus) application focal areas (above the UCF circle) and two Bucket 2 (secondary focus) application focal areas (below the UCF circle).

areas and its faculty have published widely in high-impact publication venues. UCF has hundreds of innovations ranging from diagnostics to displays, and sensors to simulators. UCF is committed to developing and strengthening partnerships with universities, organizations, and companies that advance discoveries and innovations to bolster student learning and impact global economy. UCF has had 40+ years of partnership with Lockheed Martin and 30+ years of partnership with Siemens. More than any other university, UCF is poised to maintain its stature as a dominant supplier of talented, highly compensated engineers for the aerospace industries, as well as other industries and government agencies in Florida. In summary, this funding would advance the state of the art in technologies that impact the economic prosperity of these industries and the State of Florida.

UCF's Existing Strengths in Enabling Technologies

UCF considers technologies that are, expected to be impactful on a variety of application areas and business sectors as enabling technologies. These technologies affect the economy of the State of Florida and the nation. For example, AI is an example of an enabling technology that is transformative for several industries and the government in the U.S. and around the globe. When UCF identified, in its strategic plan, Transformative Technologies and National Security as one of the application focal areas, it intended to capture the institution's interest in existing transformative technologies and future transformative technologies that are not yet identified. This section talks about existing enabling technologies that are UCF's strengths that have influenced and will continue to influence the innovation economy in Florida and the globe. AI-ML, AR-VR-MR, Modeling and Simulation, Cyber are enabling technologies of existing strength at UCF.

An example of strength in AI-ML research at UCF is the Center for Research in Computer Vision (CRCV), established in 2012, which has been funded extensively by federal sources (e.g., DARPA, NSF) and industries (e.g., Lockheed Martin, L3Harris). Computer Vision's increased prominence in solving important problems in numerous application areas (surveillance, automation, medical applications) relies on recent advances in AI (e.g., Deep Learning) and high-performance computing (e.g., GPU's). CRCV has the longest running REU (Research Experience for Undergraduates) in which students work closely on summer research projects with faculty experts in computer vision. According to CSRankings.org Computer Vision Research at UCF is ranked in the top 10 in the nation ahead of many premier institutional powerhouses and every other institution in the State of Florida.

Another example of strength in AI-ML related research at UCF is Transportation Science and Technology led by faculty in Civil, Environmental and Construction Engineering (CECE). Transportation Science and Technology at UCF has been extensively funded by federal sources (USDOT) and state sources (FDOT). According to the 2022 ARWU (Academic Ranking of World Universities), UCF's Transportation Science and Technology has been ranked No. 6 in the U.S. ahead of some of the most prominent institutions around the nation. UCF's increased prominence in Transportation Science and Technology is fueled by the increased focus on AI-ML, Big Data and the increased computing power that makes extraction of knowledge from big data possible.

A recently established Cyber cluster is providing strength in the Cyber area. This past year, the Cyber Cluster brought in a multi-million-dollar research portfolio funded by several federal agencies (e.g., NSF, DoD) and industry (e.g., Sophos, Intel, AMD). This strong research presence accompanied by the sustained and impressive accolades of UCF's C3 (Collegiate Cyber Competition) team (5-time champions of the National Collegiate Cyber Defense Competition in their short 10-year history) provides a multi-faceted UCF strength hard to emulate elsewhere. This past year, UCF has received a multi-million, multi-year project from NSF (Cyber for Service) to educate the next generation of cyber professionals, interested in careers at the government sector. UCF faculty and students partnered with industry and DoD to pioneer a cyber red team pipeline program to grow the next generation of cyber operators that conduct national defense cybersecurity assessments. This cyber workforce development program is vital for Central Florida as home to the National Cyber Range Complex and U.S. Cyber Command's Persistent Cyber Training Environment.

Orlando is the technological hub for modeling, simulation and Central Florida is the State's designated center of excellence in modeling and simulation. UCF's Research Park is a unique collaborative alliance formed by simulation and training R&D and acquisition commands, UCF, and a vibrant modeling and simulation industry boasting 100+ companies. The US Department of Defense in UCF's Research Park provides \$6B in contracts annually to companies in UCF's vicinity as well as other companies nationwide. The state is significantly vested to sustain and enhance the status of Central Florida as the nationwide location of excellence in modeling and simulation and has invested in five Partnership buildings that co-house the military, the renowned UCF Institute for Simulation and Training and the National Center for Simulation (representing 250+ companies). UCF's research strengths that fuel the region's excellence in modeling and simulation support industries that focus on aviation, space and energy that represent some of the focal application areas in this proposed LBR.

To continue to excel in our research and provide the talent pipeline to its industry partners, UCF will hire faculty that have expertise in the enabling technologies areas with a research emphasis on the focal application areas that spearhead innovation and further development in these application areas.

Current Accomplishments:

Some of the below reported UCF accomplishments refer to the institution, others (for succinctness of reporting) refer to the College of Engineering and Computer Science (CECS), which graduates almost 60% of the STEM graduates in the institution.

Current Accomplishments: Talent Pipeline

UCF's CECS is one of the State University System's most distinctive and nationally recognized pillars of excellence. Originally founded as Florida Technological University to support Florida's space-related economy, UCF has long excelled in engineering, computer science and related disciplines. Through its commitment to partnering with regional industry to meet the increasing workforce needs of one of the growing, dynamic job markets in the country, CECS has become the talent pipeline of choice for Central Florida's STEM-related industries.

UCF is graduating students who contribute to Florida's economy with high-paying jobs. This is evidenced, in part, by:

- In 2019-20, **82 percent of engineering bachelor's graduates were employed in Florida** and estimated first-year wages of \$56,300 (EMSI Alumni Outcomes).
- *Aviation Week* magazine has named **UCF the No. 2 preferred supplier in the nation** and the **No. 1 supplier in the nation of graduates** to the U.S. aerospace and defense industries for **six consecutive years**.
- A longstanding partnership with Lockheed Martin (LM) that spans more than 40 years. In 2018-2019 the number of **UCF STEM interns at LM exceeded 500**. According to a 2018-2019 LM report, UCF has been a top school for hires over the last 10 years, hires that include more than 3,500 UCF alumni. Among the higher echelons of LM employees that are UCF alumni, there is 1 EVP, 5 VPs and 29 Directors.
- NASA's Kennedy Space Center reports that **30 percent of its employees** hold UCF degrees, mostly from CECS.

Current Accomplishments: Strong national engineering reputation

In the most recent *U.S. News and World Report* rankings, UCF achieved Top 50 public university rankings for its undergraduate and graduate engineering programs.

Table 1: 2023 U.S. News and World Report Graduate Engineering and 2022 U.S. News and World Report Undergraduate Engineering Ranking

| <i>U.S. News and World Report</i> | Public Ranking | Overall Ranking | SUS Ranking |
|---------------------------------------|----------------|-----------------|-------------|
| Graduate Computer Science | 43 | 73 | 2 |
| Undergraduate Computer Science | 48 | 81 | 2 |

UCF CECS' growing national reputation shows no signs of slowing. In the past five years of *U.S. News* Graduate Engineering rankings among the current top 50 public institutions, UCF was the **2nd fastest mover** having improved 11 spots.

U.S. News and World Report ranked **every graduate engineering program in the Top 48** among public institutions.

Table 2: 2023 U.S. News and World Report Graduate Engineering Programs Ranking

| <i>U.S. News and World Report</i> | Public Ranking |
|---|----------------|
| Optical Sciences and Engineering | 5 |
| Computer Engineering | 29 |
| Industrial Engineering | 26 |
| Electrical Engineering | 30 |
| Aerospace Engineering | 36 |

| | |
|----------------------------------|----|
| Materials Engineering | 31 |
| Environmental Engineering | 41 |
| Civil Engineering | 48 |
| Mechanical Engineering | 45 |

Current Accomplishments: Strong national computer science reputation

UCF's College of Engineering and Computer Science ranked 42nd among public institutions for Computer Science.

Table 3: 2023 U.S. News and World Report Graduate Computer Science Ranking and 2022 U.S. News and World Report Undergraduate Engineering Ranking

| <i>U.S. News and World Report</i> | Public Ranking | Overall Ranking | SUS Ranking |
|---------------------------------------|----------------|-----------------|-------------|
| Graduate Computer Science | 42 | 69 | 2 |
| Undergraduate Computer Science | 44 | 82 | 2 |

Additionally, the UCF student quality in these fields is evident by the national performance of the UCF Cyber Defense team (C3 (Collegiate Cyber Competition) Team), such as **winning Raytheon's National Collegiate Cyber Defense Competition (NCCDC) in 2014, 2015, 2016, 2021, 2022** and earning a 2nd place in the same competition in 2018, 2019 and 2020. In all, UCF appeared nine out of the ten times in the national cyber competition and no other competitor won as many trophies as UCF (five 1st place trophies and three 2nd place trophies).

UCF's Programming team has been in existence for more than 30 years. UCF has been a perennial presence in the Programming World Finals by winning the Southeast (SE) Regional Programming Competition 60 percent of the time. In the World Finals of 2017 and 2018, the UCF team **placed 13th worldwide (1st in the US) and 10th (1st in North America)**, respectively, outperforming teams from prominent universities such as MIT, UC Berkeley, Cornell, Princeton, UT Austin, University of Illinois Urbana Campaign (UIUC), Stanford, Carnegie Mellon University (CMU), University of Southern California (USC) and University of Maryland. It is also worth mentioning that UCF has made the Word Finals (only 0.2% of the teams around the globe make it to the World Finals) in each of the last 10 years.

Current Accomplishments: Expanding Student Opportunity

UCF is a Hispanic Serving Institution (HSI) and close to 50% of its incoming Fall 2021 student population is underrepresented minorities. For example, student diversity is well represented among those who graduate with UCF CECS degrees. Of approximately 2,500 degrees awarded in 2020-21, 42 percent went to minority graduates and 21 percent to female graduates.

Among bachelor's graduates, 47 percent were Pell-eligible, and 20 percent were the first in their families to attend college.

Rankings from 2018-19 IPEDS data based on fields offered by UCF

Table 4: Engineering and Computer Science or IT National Public University Rankings

| NATIONAL PUBLIC UNIVERSITY RANKINGS | | | |
|-------------------------------------|---------------|--------------------------------------|------------------------------|
| UCF | Total Degrees | Degrees to African American Students | Degrees to Hispanic Students |
| Engineering | 9 | 5 | 4 |

UCF has demonstrated outstanding success with previous additional state investments to improve STEM outcomes, in particular engineering and computer science outcomes. In 2014, UCF was awarded a Targeted Educational Attainment (TEAm) Grant by the Board of Governors (CSIT TEAm grant). UCF served as the lead institution in partnership with the University of South Florida and Florida International University to help close the gap between supply and demand in computer engineering, computer science, and information technology graduates. The initiative promised the expansion of upper-level BS students and an increase in the BS graduation volume. After five years (2013 (baseline year), 2018 (end year)), **UCF achieved a 119 percent increase in these computer science-related graduates** – 288 (2013) graduates to 631 (2018) graduates – to help address critical workforce needs. It is worth pointing out that since the TEAm grant ended (2018) the number of degrees in CS, IT and CpE continued to increase and reached 1,110 (2021-2022 CS, IT, CpE BS graduating numbers), almost quadrupling the 2012-2013 BS CS, IT, CpE graduating numbers, an impressive accomplishment.

Current Accomplishments: Quality of Student Pipeline (Honors College)

UCF's Burnett Honors College (BHC) is a distinctly recognized unit within the institution and recruits approximately 500 outstanding students, annually. BHC currently houses approximately 2,400 students and is recognized as one of the top 20 Honors College in the country.

In Fall 2021, BHC welcomed a class of 513 freshmen with an average SAT of 1,466, an ACT score of 32.8 and a GPA of 4.5. Of the Fall 2021 BHC freshmen class, 102 were National Merit Scholars and 171 were Provost Scholars. It is notable that more than 43% of the University Honors students are College of Engineering and Computer Science (CECS) students. It is also notable that more than 40% of National Merit Scholars and Provost Scholars from the Honors College are College of Engineering and Computer Science (CECS) students.

Current Accomplishments: Research Excellence

External Research Funding

In terms of research success, UCF reported a new record of \$212.9 million in new grants during 2020 (as of July 15th – excluding CARES Act funding), and of this total, engineering and related disciplines represented a significant portion of the overall grant funding.

National Ranking

Based on the National Science Foundation's 2020 Higher Education R&D survey, **UCF ranked 38th nationally for public universities** and second in the SUS for engineering research expenditures. The same survey **ranked UCF 12th nationally for public universities and first in the SUS** for computer science research expenditures.

Quality of Faculty

In 2019-2020, UCF led the state and ranked sixth in the nation for the number of NSF CAREER Award received by its faculty. Of these NSF CAREER awards the College of Engineering and Computer Science received seven awards, more than any institution as a whole in the State of Florida. CECS also received an additional 4 CAREER awards in 2020-

2021 and 7 more in 2021-2022. Therefore, in a span of three years, junior faculty in CECS have received 18 NSF CAREER awards, an impressive feat. The NSF CAREER awards are among the most prestigious in the nation. Recognizing early-career professionals with promising research, the awards are part of the NSF's Early Career Development Program and are given to recipients who have the potential to serve as academic role models and lead their respective fields. The junior faculty in the College of Engineering and Computer Science have also received other prestigious Young Investigator awards from agencies such as NASA, Air Force Office of Research, Office of Naval Research and Defense Threat Reduction Agency.

UCF has a good number of outstanding senior faculty members that elevate the research and teaching excellence in the institution and serve as role models for the new generation of engineers and scientists in our institution. For instance⁹, four UCF professors (one from College of Engineering and Computer Science (CECS), one from CREOL, one from College of Sciences (COS) and one from the Rosen College of Hospitality Management (RCHM)) have been named highly cited researchers in their field for 2021 by analytics company Clarivate, based on data from Web of Science. The annual list identifies researchers who demonstrated significant influence in their chosen field or fields through the publication of multiple highly cited papers during the last decade. Their names are drawn from the publications that rank in the top 1% by citations for field and publication year in the Web of Science citation index. Two of these professors (CECS and CREOL) are also in the top 0.1%

It is our intention to emulate and expand the faculty successes and leadership with the support from this LBR through the hiring of 101 new faculty (61 T/TE + 40 lecturers).

Entrepreneurial Work Leading to Patents

UCF ranks 26th among public universities in the nation and among the top 100 universities in the world in generating patents, and according to new rankings released in 2020 by the National Academy of Inventors and the Intellectual Property Owners Association, UCF has ranked in the top 100 in the world for the past five years.

Current Accomplishments: Employability Numbers

UCF students are actively sought by industry, and the university is ranked by Aviation Week as the nation's No. 1 supplier of graduates in aerospace and defense industries. In a 21st century economy, UCF students' educational experiences provide the potential for sustainable long-term employment in Florida. UCF graduates go on to become global leaders of Florida industries.

The College of Engineering and Computer Science surveys its graduating students six months after graduation to determine employment status. CECS' survey results for the 2018-2019 CECS graduating class indicated that:

- A vast majority of respondents reported being employed either full-time or part-time (88.1 percent undergraduate; 90.5 percent master's; and 92.7 percent doctoral).
- Of those who reported employment, the majority of the respondents were employed on a full-time basis (93 percent undergraduate; 90.5 percent master's; and 92.1 percent doctoral).
- Of those who reported employment, many of the respondents indicated they were employed in Florida (66.1 percent undergraduate; 55.2 percent master's; and 52.6 percent doctoral).

- Of the undergraduates and graduate student respondents who provided their annual salary information, the average was \$66,919 and \$81,180, respectively.

In 2018-2019, CECS graduated 1,533 BS, 390 MS and 108 Ph.D. students. The employability numbers, mentioned above, indicate that CECS produced, in 2018-2019, more than 1,100 engineering and computer science graduates for Florida's economy. The number of graduates in CECS continue to increase from one year to the next. For instance, the 2021-2022 graduation numbers show that CECS has graduated 2,099 BS, 445 MS and 150 Ph.D. students. Since the fraction of graduates that find employment in the State of Florida is consistently high (e.g., approximately 70% for BS students), we expect that the number of graduates that CECS provides for the State of Florida to continue its upward trajectory.

2. Projected Impact

In this LBR, UCF identifies STEM disciplines as the core unit within the institution to reach higher levels of national excellence. UCF will serve to fuel the pipeline of workers with Science, Technology, Engineering and Math (STEM) skills.

UCF will use this funding to:

- Provide targeted, cross-cutting education and research training to UCF students to meet Florida's high-tech industry needs,
 - Expand partnerships with high tech industries in Florida, and
 - Move program rankings into Top 25 in national rankings.
- **Goal A (*Enhance Research Excellence and Elevate National Ranking*)** – To enhance the research and educational excellence, as well as industry partnerships, UCF proposes to hire faculty and support personnel and provide lease space for their offices and research laboratories. These new faculty hires will offer additional sections of courses in the high demand STEM areas, thus ensuring a larger and more competent STEM pipeline for Florida's industry. Finally, these faculty will expand the partnerships with key industries and government entities and enhance UCF's national and international stature and elevate the national ranking of STEM programs.
 - **Goal B (*Increase the Quantity and Quality of the Workforce Pipeline through Partnerships*)**: To increase the capacity of programs that recruit, sustain and graduate a diverse STEM student population at high rates by focusing on elevating the academic competence of the STEM workforce early on in their academic pursuit (e.g., math bootcamps that improve the math placement status of the incoming diverse FTICs thus enhancing their 4-year graduation rates) and concurrently improving their performance in key STEM gateway courses. As an example, the College of Engineering and Computer Science is already ranked high (15th in the nation in the total number of degrees, and 2nd in the nation in the number of degrees to underrepresented minorities; 2020 ASEE Report). These steps will get the students ready for the high-tech workforce and will have the additional impact on Goal A of enhancing research excellence and elevating national ranking.

The cost of this LBR request amounts to: \$11.266M recurring (61 T/TE faculty hires), \$4.448M recurring (40 lecturers), \$1.368M recurring (support personnel), \$3.50M recurring (support for student research and teaching assistants), \$2.620M recurring for merit raises to retain highly productive faculty, and lease space \$4.80M recurring (80,000 sq. ft), for a total

request of \$28.002M (recurring funds). These funds will target strategic areas of opportunity to further enhance UCF's pursuit of academic and research excellence.

UCF has an obligation to our community and an opportunity to prepare our students and the next generation employees in future technologies. If UCF's LBR is funded, it would place the State of Florida in an enviable position by not only elevating the national stature of one of its universities but supporting the thriving industries and resident government agencies (see Figure 2 for a non-exhaustive list of industries, government agencies that will be impacted) in ways that will lead to higher economic prosperity. Already recognized as one of the largest universities in the nation, this LBR provides an opportunity for UCF to achieve higher national ranking. Many other government entities and industries in Central Florida and the State of Florida, not listed in Figure 2, will also benefit from such an investment.

UCF's new strategic plan¹, *Unleashing Potential*, has identified four priorities and five focal application areas. The proposed LBR's goals (Goal A: Enhance Research Excellence and Elevate National Rankings; Goal B: Increase the Quantity and Quality of the Workforce Talent through Partnerships) are in alignment with two of these priorities (Discovery and Exploration and Student Achievement and Well-Being) and positively impact the two other priorities (Innovation and Sustainability and Community and Culture). The proposed LBR's goals, when accomplished, will yield the following outcomes:

Outcome 1: Attract and cultivate exceptional and diverse faculty, students, and staff. This outcome directly relates to the proposed hiring plan and student support enhancements.

Outcome 2: Deploy our distinctive assets to solve society's greatest challenges. This is supported by UCF's investment in enabling technologies and the talent pipeline.

Outcome 3: Create partnerships at every level that amplify our academic, economic, and cultural impact and reputation. These partnerships will have significant impact for the economy in the region and the state of Florida.

The Overall Impact of *Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline and Research Excellence* is to elevate select STEM programs (Aerospace Engineering, Electrical Engineering, Computer Engineering, Materials Science and Engineering and Computer Science) into the Top 25 in public rankings. Figure 4 pictorially illustrates the current ranking of these programs that we vie to elevate to Top 25, through this LBR investment. The collateral effect of elevating the national ranking of these programs to the Top 25, among publics, is that other programs will be positively influenced, as well as the ranking of the College of Engineering and Computer Science. Furthermore, it will positively impact important university metrics, such as Total R&D Expenditures, Number of Post-Doc Appointees, Patents Awarded, FTIC 4-Year Graduation, others (for a complete list of metrics see Section II).

The specific LBR request is broken down in Table 5. Called *Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline and Research Excellence*, the plan will enhance distinctive STEM areas, by investing in faculty resources in enabling technology areas, better serve the needs of the focal application areas (Space Technologies & Systems, Energy & Sustainability, Transformative Technologies & National Security, Health & Human Performance, Entertainment & Immersive Technologies), while accomplishing the following transformative outcomes (impacts) described in this section.

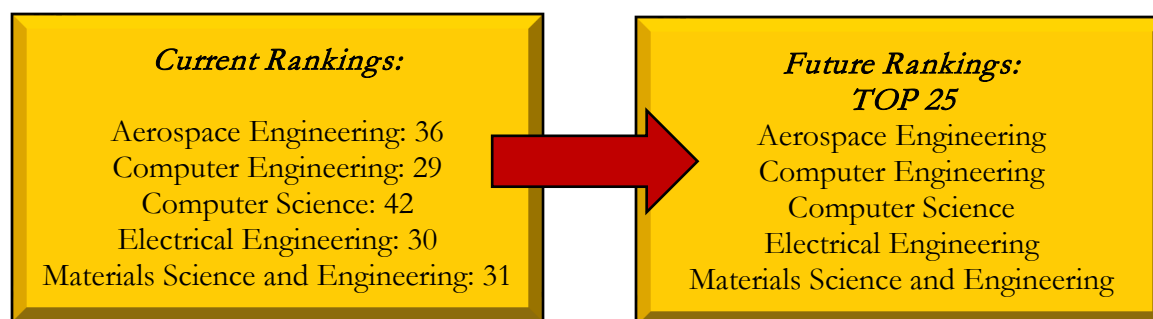


Figure 4: UCF's STEM programs current public rankings and the potential of moving their rankings to Top-25 in the nation, through this LBR's investment.

Table 5: Breakdown of Unleashing Florida's Innovation Economy through UCF's STEM Pipeline and Research Excellence

| Unleashing Florida's Innovation Economy through UCF's STEM Pipeline and Research Excellence | |
|--|-----------------------------------|
| a. 61 faculty members (TE, T) | \$11.266 million recurring |
| b. 40 faculty members (Lecturers) | \$4.448 million recurring |
| c. Retain Highly Productive Faculty | \$2.620 million recurring |
| c 15 support positions | \$1.368 million recurring |
| d. Student Research & Teaching Assistants | \$3.500 million recurring |
| e. Lease space | \$4.800 million recurring |
| Total | \$28.002 million recurring |

Impact 1: Attain higher research excellence and economic prosperity.

The additional 61 faculty (T/TE) lines included in this request will help enhance UCF's existing research strengths and industry partnerships in key application areas such as Space Technologies and Systems, Energy and Sustainability, Transformative Technologies & National Security for the region and the state, as well as in other areas, such as Health & Human Performance, Entertainment & Immersive Experiences. These research strengths and industry partnerships will positively influence a plethora of industries and government agencies, as Figure 2 illustrates. These new faculty lines will help UCF attain metrics identified in its Strategic Plan¹ and adopted here for this LBR, such as higher R&D expenditures, higher involvement of Ph.D.'s and post-docs in the institution's research enterprise, expanded partnerships with industries, a diverse, larger, and better workforce talent pipeline graduating faster from the institution. More specifics about these targeted metrics are provided in Section II.

As Orlando's only public research university, UCF is the academic research leader for Central Florida. The university has achieved more than \$1 billion in external research grants during the past decade and continues to be one of 94 public institutions in the nation designated as an "R1: Doctoral University: Very high research activity" among Carnegie classifications. In the last three years, UCF set a university record with more than \$200M each year in research

awards. Furthermore, it is worth pointing out that UCF is one of 20 HSI (Hispanic Serving Institutions) that are of R1 classification.

UCF faculty drive Central Florida's research enterprise, both in their laboratories and through partnerships with industry and government agencies, advancing economic development through translational research. UCF faculty play a critical role in the pursuit of excellence. The figure below, shows, in one graphic, the enabling technologies where faculty hires will impact focal application areas (included in UCF's Strategic Plan), and industries that these hires will positively influence, thus unleashing the potential of Florida's innovation economy.

Consider an example of an enabling technology, AI, whose transformative effect has resulted in a Center for Research in Computer Vision at UCF, ranked 10th in the US, educating a current Ph.D. student population of 45 students and bringing, last year alone, external research funding of \$6M from federal and industry sources. Investing in other areas influenced by AI, that could be impacted as positively as Computer Vision, will elevate the research stature and recognition of these areas, and simultaneously benefit LBR's focal application areas (e.g., Transformative Technologies and National Security) and enhance Florida's high-tech innovation economy.

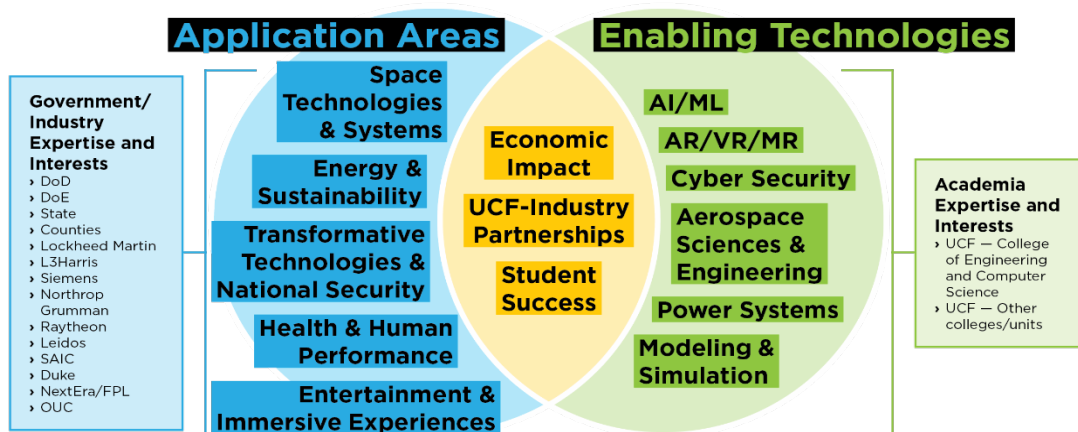


Figure 5: The graphic above illustrates the application areas of focus (Space Technologies & Systems, Energy & Sustainability, Transformative Technologies & National Security, Health & Human Performance, Entertainment & Immersive Experiences), the industries that have core business units in these areas, UCF's strengths in enabling technologies (AI/ML, AR/VR/XR, cyber, aerospace science and engineering, power systems, modeling and simulation) that support these application areas and the importance of this collaborative existence that has the potential to strengthen and expand Florida's high tech industry and achieve the illustrated impacts.

Impact 2: Enhance successful student outcomes/Improve talent pipeline to address industry needs.

Hiring 61 tenure, tenure-earning faculty strategically in enabling technology areas to address the industry needs in the five focal application area (*Space Technology and Systems, Energy and Sustainability, Transformative Technologies and National Security, Health and Human Performance, Entertainment and Immersive Experiences*), as well as 40 lecturers would increase student retention and graduation rates and shorten average time to degree. The expanded educational and research portfolio that the new hires will bring for the institution will lead to student cross-

cutting and creative training in areas that would power the future economy, while providing speedier degree completion and reduced costs for students. Hiring more faculty members will ensure UCF meets *and exceeds* its institutional strategic plan goal of offering additional class sections, particularly for high-demand STEM pathway courses. Increasing the number of faculty enhances the student experience by providing more opportunities for quality student-faculty engagement in both education and research.

The College of Engineering and Computer Science 4-year graduation rate is one of the focal pursuits of this LBR effort. While only 34 percent of CECS students graduate in four years, this is a significant improvement over the 23 percent 4-year graduation rate obtained by the 2014-16 cohort (an 8-percentage point increase in three years). Furthermore, our data show that another 14 percent graduate in just one extra semester, which indicates that there is a potential of significant improvement with a focused, targeted effort. If those students are able to graduate *one semester earlier*, the overall four-year graduation rate for UCF would immediately rise by 3 percentage points based on CECS improvements alone.

By hiring more faculty and graduate assistants, we would increase the capacity of programs that recruit, sustain, and graduate a diverse population of STEM students at high rates by focusing on STEM learning communities and important gateway courses (this is the focus of the very successful EXCEL program at UCF that has increased STEM graduation rates by an impressive 50%, since its inception at UCF in 2006). The increased faculty and graduate assistant resources would expand and enhance bridge programs, such as math bootcamps that improve the math placement status of incoming FTICs and thus enhance their 4-year graduation chances. These programs ensure our students are successful within their degree programs and are best prepared for high-paying jobs upon graduation.

UCF will attain higher student success in STEM areas by:

- Offering Math Bootcamps to all STEM students that need it.
- Expanding the instructional support for select gateway courses in the STEM disciplines.

EXCEL has impacted more than 3,000 students, has improved STEM graduation rate by more than 50%, attained higher than 50% improvement in graduation rates for underrepresented groups, and is serving a highly diverse (high percentages of women and underrepresented minorities in its cohorts) student population. EXCEL has recently implemented a summer math bootcamp for a small number of its students, where students are exposed to math topics that they would need to take in the Fall math courses. This refresher math bootcamp allows students to place at a higher-level math course in the Fall semester than they would have placed without the refresher course. Every student who participated in the EXCEL summer math bootcamp placed at one or two levels higher math fall class, where they performed well. This summer bootcamp approach gives the opportunity to students to graduate faster, preferably in 4 years. This LBR will significantly increase the seats in this bootcamp to impact retention and faster graduation of STEM students.

LBR Request, Revisited

The additional 101 faculty lines (61 T/TE and 40 lecturers) included in this request will help enhance UCF's existing research strengths and industry partnerships in these key areas for the state. These new faculty lines will help UCF reach its goal of \$350 million in research funding

by fiscal year 2026, as well as enhance the quantity and quality of the talent pipeline needed by Florida's economy. The requested additional 15 research support lines and 100 PhD research and teaching assistants will provide the necessary infrastructure to propel UCF's research and teaching to greater levels.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes. University of Distinction proposals should also address the requirements outlined in the separate guidance document.*

Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline and Research Excellence, aligns with regional and state economic needs, the university's strategic plan and the Board of Governor's strategic plan.

The requested investment in this LBR involves faculty lines, merit raises for highly productive faculty, student research and teaching assistants, staff support lines and request for lease space to house faculty research labs, to attain the LBR goals of enhancing the research prowess of our institution in addressing problems in the focal application areas and increasing the quality and quality of the workforce talent pipeline through partnerships. These faculty hires will not only advance the state of the art in the enabling areas but will also recruit and train a competent workforce in areas of interest to the region and the state of Florida. These faculty will also train the talent pipeline in the classroom environment and outside the classroom environment (student involvement in research). The training of the talent pipeline will also be facilitated by existing and new partnerships with industry and government stakeholders in Central Florida and the state of Florida. These partnerships will enhance student training through internship opportunities offered to students by our partners, as well through other mentorship activities (informal training, sponsorship of capstone projects).

In its September 2019 report, the Orlando Economic Partnership¹⁰ highlighted the importance of "the alignments of UCF's focus on engineering and computing with the OEP's Three-Year Mission." The report further stated that UCF's plan aligns with regional efforts, including "the expansion of initiatives designed to enhance our talent ecosystem. These broad sector categories will be driven by the diffusion of key enabling technologies – ranging from 5G and distributed ledger technologies to co-biotics and extended reality – each clearly supported by UCF's enhanced E/C (Engineering and Computer Science) focus." This LBR has a strong focus on Engineering and Computer Science, the College that produces approximately 60% of the STEM graduates at UCF.

UCF's LBR demonstrates alignment to the Board of Governors Strategic Plan – State University System 2025 Strategic Plan by focusing on the same three core areas. Excellence is included through increased reputation of the academic programs and improved student success. Productivity is supported by research expenditures and student pipeline and diversity. The third core area, Strategic Priorities for a Knowledge Economy, is demonstrated by the selection of STEM disciplines, especially engineering and computer science, as the focus of expansion and enhancement.

The return on investment for the requested funds will be measured by progress toward the objectives and key performance targets set forth in the university's Unleashing Potential Strategic Plan¹.

Through UCF's annual Accountability Plan and the institutional strategic plan, approved by the BOT in May 2022 and slated for BOG consideration in September 2022, the university has a robust tracking system on progress toward its goals, using institutional data alongside statewide and national benchmarks. Selected metrics from UCF's new strategic plan, *Unleashing Potential*, will be used to measure return on investment.

Table 6: The table list is from the list of metrics included in the UCF's Unleashing Potential Strategic Plan. Metrics from UCF's strategic plan will be used to assess the ROI impact of this LBR effort.

| Student Achievement and Well-Being | 2022 | 2027 Goal |
|---|-------|-----------|
| FTIC Freshman Retention Rate | 92% | 93% |
| FTIC 4-year Graduation Rate | 50% | 65% |
| Percentage of graduates enrolled or employed (\$30,000) | 63% | 70% |
| Discovery and Exploration | 2022 | 2027 Goal |
| Total R&D Expenditures (\$M) | \$239 | \$350 |
| Patents Awarded Annually | 52 | 55 |
| Licenses and Options Executed Annually | 28 | 36 |
| Number of Start-Up Companies Created | 2 | 6 |
| Post-Doctoral Appointees | 142 | 225 |
| Community and Culture | 2022 | 2027 Goal |
| National Academy memberships | 8 | 10 |

Attain higher research excellence and economic prosperity (Impact 1)

Impact 1 is the result of the Goal A (*Enhance Research Excellence and Elevate National Rankings*) focus in this LBR. Faculty hires related to research of strategic statewide importance will benefit key measures of success. These faculty hires will occur in enabling technologies that enhance application areas of focus for industry and government stakeholders in Central Florida and the State of Florida. **The expectation is that these faculty hires will strengthen select STEM disciplines and enhance the ranking of the related STEM programs to place in the top 25 in the nation, amongst all public institutions.** These target programs are: Electrical Engineering (currently ranked 30 amongst publics), Computer Engineering (currently ranked 29 amongst publics), Aerospace Engineering (currently ranked 36 amongst publics), Materials Science and Engineering (currently ranked 31 amongst publics), Computer Science (currently ranked 42 amongst publics). The improvement of the ranking of the above programs will impact the ranking of other programs within our institution, a result of the interdisciplinarity nature of the enabling technologies in which these faculty will be hired. For instance, improving the ranking of Aerospace Engineering will positively impact the ranking of Mechanical Engineering. Similarly improving the ranking of Electrical Engineering will positively impact the ranking of the Physics program. Furthermore, improving the ranking of Computer Science will positively impact the ranking of Mathematics.

Improve the Quantity and Quality of the Workforce Talent Pipeline (Impact 2)

Impact 2 is the result of Goal B focus in this LBR (*Improve Quantity and Quality of Workforce Talent through Industry Partnerships*). Faculty hires, graduate student hires and support staff hires will facilitate the accomplishment of UCF's strategic plan goal of *Student Achievement and Well-Being*. **This achievement will positively influence the economic development of industries in the Central Florida region and the state who are looking for competent STEM graduates to replenish and expand their current workforce.** They will also accelerate and expand the relocation of new companies in the Central Florida and State of Florida, whose decision for relocation depends heavily on the existence of a competent workforce.

III. Personnel – *Describe personnel hiring and retention plans, making sure to connect both plans to initiative(s) and goal(s) described in section I. State the amount of faculty FTE and staff FTE and estimated funding amounts used for retention and new hires in each category. In describing faculty hires, provide overall hiring goals, including academic area(s) of expertise and anticipated hiring level (e.g. assistant professor, associate professor, full professor. Please describe how funds used for faculty or staff retention will help the institution achieve its stated goals. University of Distinction proposals should clearly note how anticipated hires or retained individuals will help the institution elevate a program or area to national or state excellence.*

This LBR, *Unleashing Florida's Innovation Economy through UCF's STEM Talent Pipeline and Research Excellence*, plans to hire faculty in the focal application areas of Space Technologies & Systems, Energy & Sustainability, Transformative Technologies & National Security (Bucket 1), as well as Entertainment & Immersive Experiences, Health & Human Performance (Bucket 2). More emphasis will be placed in hiring faculty in the Bucket 1 application areas than in the Bucket 2 application areas. The industries that will be positively affected through this LBR investment are companies in Aerospace/Defense, Energy, Entertainment, FinTech and Manufacturing, to mention a few. It is important to point out the cross-cutting influence of hiring experts in the enabling technology areas, all of which are multi-disciplinary in nature. For example, an AI expert could work on an intelligence surveillance problem that addresses an important topic under the umbrella of the national security focal area or in analyzing medical images for disease prognosis, under the umbrella of health care and human performance focal area.

We plan for each of the focal application areas in Bucket 1, that is Space Technologies & Systems, Energy & Sustainability, Transformative Technologies & National Security to hire 1 Lead person (Professor level), 6 Associate Professors, 10 Assistant Professors. UCF plans plan for each of the focal application areas in Bucket 2, that is Entertainment & Immersive Experiences, Health & Human Performance to hire 3 Assistant Professors, 1 Associate Professor and 1 Full Professor. This corresponds to a total of 61 tenure earning and tenured faculty hires. Furthermore, UCF plans to hire 40 lecturers that will help with our efforts to improve the quality of the talent pipeline that enters our institution. Also, UCF plans to hire 100 student research and teaching assistants (Ph.D.'s). These student assistants will support the research activities of the tenure earning, tenured faculty hires as well as the instructional needs of the tenure earning, tenured and lecturer hires. Thus, it is expected that these student assistants will influence positively the research productivity, as well as the student learning, retention, and graduation in our institution. It is worth mentioning that all the tenure earning and tenured faculty hires, because of their interdisciplinary focus, could have appointments in more than one college in our institution. For example, an AI hire that focuses on Fintech applications could have an appointment in the College of Engineering and Computer Science, as well as the College of Business. It is also worth mentioning that the Lead hires in each of the *Space Technologies and Systems, Energy and Sustainability, Transformative Technologies and National*

Security focal areas, will serve a pivotal role of bringing all these hires together to collaborate in bigger research and educational efforts and to also interact and collaborate with the leads of the other areas in cross-cutting research and educational efforts. Furthermore, an equally important consideration is that UCF plans to provide merit raises to highly productive faculty to make sure that they are retained in our institution and continue their progression to research and teaching excellence. Finally, UCF plans to hire support personnel (lab managers, grant/HR specialists and administrative assistants) to support the new faculty and student hires.

These anticipated hires will help UCF elevate the ranking of select STEM programs and concurrently spearhead UCF's ranking to the top 50 public institutions in the nation, in line with UCF's 2022 Accountability Plan.

IV. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

| | Facility Project Title | Fiscal Year | Amount Requested | Priority Number |
|----|------------------------|-------------|------------------|-----------------|
| 1. | | | | |
| 2. | | | | |

UCF requests recurring funds to lease an 80,000 square feet facility to accommodate the offices and research labs of the research faculty intended to be hired through this LBR investment.

REFERENCES

1. [UCF Strategic Plan, Unleashing Potential, 2022-2027](#)
2. [Manufacturing industry diversity | Deloitte Insights](#), May 2021.
3. <https://www.enterpriseflorida.com/wp-content/uploads/manufacturing-industry-profile.pdf>, June 2021
4. [Cyber Talent Shortage Undermines U.S. in Cyber Warfare \(newsweek.com\)](#), June 2021.
5. <https://www.bls.gov/ooh/computer-and-information-technology/home.htm#:~:text=Employment%20of%20computer%20and%20information,add%20about%20546%2C200%20new%20jobs>.
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8. Global Attractions Attendance Report, Themed Entertainment Association/AECOM), 2019. www.tripinfo.com/itm/articles/the-2019-global-attractions-attendance-report
9. <https://www.ucf.edu/news/4-ucf-researchers-named-as-highly-cited-researchers-for-2021/>
10. [Q3 2019 Orlando Economic Update | Orlando Economic Partnership](#)

2023-2024 Legislative Budget Request
Education and General
Position and Fiscal Summary
Operating Budget Form II
(to be completed for each issue)

University: University of Central Florida
Issue Title: Unleashing Florida's
Innovation Economy through
UCF's STEM Talent Pipeline &
Research Excellence

| | RECURRING | NON- RECURRING | TOTAL |
|-----------------------------|--------------|-------------------|--------------|
| <u>Positions</u> | | | |
| Faculty | 101.00 | 0.00 | 101.00 |
| Other (A&P/USPS) | 15.00 | 0.00 | 15.00 |
| | ----- | ----- | ----- |
| Total | 116.00 | 0.00 | 116.00 |
| | ===== | ===== | ===== |
| Salaries and Benefits | \$19,702,220 | \$0 | \$19,702,220 |
| Other Personal Services | \$3,500,000 | \$0 | \$3,500,000 |
| Expenses | \$0 | \$0 | \$0 |
| Operating Capital Outlay | \$0 | \$0 | \$0 |
| Electronic Data Processing | \$0 | \$0 | \$0 |
| Financial Aid | \$0 | \$0 | \$0 |
| Special Category (Specific) | \$0 | \$0 | \$0 |
| Leased space | \$4,800,000 | \$0 | \$4,800,000 |
| | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| | ----- | ----- | ----- |
| Total All Categories | \$28,002,220 | \$0 | \$28,002,220 |
| | ===== | ===== | ===== |

**State University System
Education and General
2023-2024 Legislative Budget Request
Form I**

| | |
|---|--|
| University(s): | University of Central Florida |
| Request Title: | The UCF Academic Health Sciences Center (AHSC) as an accelerant of research, education, workforce, and Florida's economy. |
| Date Request Approved by University Board of Trustees: | |
| Recurring Funds Requested: | \$6,963,900 |
| Non-Recurring Funds Requested: | \$5,994,000 |
| Total Funds Requested: | \$12,957,900 |
| Please check the request type below: | |
| Shared Services/System-Wide Request | <input type="checkbox"/> |
| Unique Request | <input checked="" type="checkbox"/> X |

- I. Purpose –** 1. Describe the overall purpose of the plan, specific goal(s) and metrics, specific activities that will help achieve the goal(s), and how these goals and initiatives align with strategic priorities and the 2021 University Accountability Plan established by your institution (include whether this is a new or expanded service/program). If expanded, what has been accomplished with the current service/program? 2. Describe any projected impact on academic programs, student enrollments, and student services. University of Distinction proposals should also address the requirements outlined in the separate guidance document.

UCF proposes a Legislative Budget Request for a recurring state appropriation to build the academic health sciences center for the future. The UCF Academic Health Sciences Center (AHSC), located at UCF's Lake Nona Health Sciences campus, brings together the Colleges of Health Professions and Sciences, Medicine, Nursing, and UCF Student Health Services. The purpose of an AHSC is to bring together the university's health-related colleges and units – including patient-care operations and research programs – with the goal of educating tomorrow's healthcare providers; promoting interdisciplinary, innovative research; and providing clinical care that improves the health and well-being of the community. The primary value and purpose of an AHSC is to optimize and maximize the impact and benefits that individual colleges and clinical programs provide. A large

majority of top-tier research universities with growing research portfolios have an AHSC as a cornerstone of their efforts. Additionally, 7 of the top 10 public universities in the country (based on U.S. News and World Report rankings) have Academic Health Sciences Centers.

An integrated UCF AHSC will advance the University of Central Florida's 2022-2027 strategic plan – Unleashing Potential: Becoming the University for the Future – approved by the UCF Board of Trustees in June 2022. More specifically, the UCF AHSC will have a major impact in UCF's efforts to become a top 50 metropolitan research university, prepare urgently needed healthcare professionals for the future, and provide innovative care to our community. UCF's strategic plan calls for investments in health and human performance addressing prevailing workforce needs in the healthcare sector, encouraging distinctive and high-impact research, expanding the collaboration between the AHSC and the state's healthcare providers, and integrating contributions from an eclectic set of disciplines.

The UCF AHSC also supports the SUS BOG's goal to "enhance the state and its many valuable assets by providing high-quality academic degree programs to meet state economic and workforce needs, cutting-edge research to address global problems, and community outreach to improve the quality of life for Floridians".⁽¹⁾

UCF has proven strengths in the health disciplines. The strengths include the colleges of Health Professions and Sciences, Medicine, Nursing and Student Health Services, and their clinical partnerships across the state, and a new UCF hospital and cancer center in Lake Nona. Together, the integrated assets will allow UCF to address the greatest healthcare challenges of our time. Efficiencies created by integrating UCF's health-related entities will maximize the use of available resources to train needed health professionals and meet employer demands. All of UCF's health care disciplines can expand, increasing the number of graduates in all of the health professions. As an example, the College of Nursing will graduate 40% more BSN nurses after it moves to the Lake Nona Health Sciences campus. The ability to graduate more nurses in Florida will have a positive impact not only on the quality and availability of the workforce but also on the overall cost of healthcare delivery in the state. This focus on increasing nursing and health care graduates will enhance the legislative investment to expand nursing and increase the pipeline as well as enhance the numbers available to become faculty and to work in clinical trials.

The UCF AHSC has unique opportunities to excel. These opportunities include the rapid development of Medical City at Lake Nona, UCF's goal to become a top 50 public research university, the concentration of health-related businesses and technology in Central Florida including health tourism and space medicine. The greater Orlando region does not have an academic health sciences center and an AHSC would provide economic impact and

opportunities to advance healthcare for the community and state. Building out the clinical and health research infrastructure of the AHSC will increase collaboration with other UCF colleges. This will allow us to grow opportunity with industries that are already partnered with UCF such as the space industry, including its government and commercial sectors.

Interprofessional education (IPE) of all health professions is a key goal of the UCF AHSC. This will prepare students to function in a team setting, as demanded in the changing healthcare environment, providing comprehensive, collaborative health care through Interprofessional Practice. The Board of Governors had identified a key trend “an increase in collaborative models of practice that require a patient-centered, team-based approach.”⁽²⁾ IPE has become a core component of accreditation for health education programs. For example, the Liaison Committee on Medical Education (LCME), which accredits all medical education programs leading to the M.D. degree in the U.S. and Canada, requires “that the core curriculum of the medical education program prepares medical students to function collaboratively on health care teams that include health professionals from other disciplines as they provide coordinated services to patients.”⁽³⁾ Developing the AHSC will build on and accelerate IPE initiatives across all health-related units. The National Institutes of Health (NIH) has been promoting the value of interdisciplinary research ⁽⁶⁾ and academic health sciences centers are regularly funded to tackle complex health care programs.

In summary, the University of Central Florida Academic Health Sciences Center will:

- Support economic development and job creation through direct and indirect activities of the AHSC.
- Enhance the university’s ability to secure federal research funding (e.g. NIH) and achieve its goal to become a top 50 public research university.
- Grow the research portfolio and distinction by contributing to discoveries unique to the region’s needs.
- Enhance operational efficiency through shared infrastructure and support services.
- Educate and train the skilled health workforce and healthcare leaders of the future
- Leverage synergies among the administration, faculty, staff, and students of AHSC members to advance interprofessional education (IPE) and multidisciplinary research initiatives.
- Provide high-quality integrated and interdisciplinary patient care.
- Contribute to advancing health transformation and community engagement through education, research, and clinical practice to be well-positioned to tackle future health disasters.

II. Return on Investment - *Describe the outcome(s) anticipated, dashboard indicator(s) to be improved, or return on investment. Be specific. For example, if this issue focuses on improving retention rates, indicate the current retention rate and the expected increase in the retention rate. Similarly, if the issue focuses on expanding access to academic programs or student services, indicate the current and expected outcomes. University of Distinction proposals should also address the requirements outlined in the separate guidance document.*

There is a proven, significant return on investment with an AHSC. U.S. medical schools and teaching hospitals generated approximately \$1,750 in economic impact per person and supported more than 6.3 million jobs nationally – 3.3 percent of all jobs. Medical schools and teaching hospitals in Florida represented \$854 in economic impact per state resident, indicating an opportunity to expand economic impact and health benefits of health sciences education and research. In research, such investment will position the university to better compete for the \$42 billion in medical research funding awarded each year by the National Institutes of Health (NIH). More than 50 percent of NIH’s extramural awards go to AHSCs, with these awards adding \$25.4 billion to local economies.

With an AHSC, UCF will be better able to compete for these NIH awards. There is also a tremendous student need. Within UCF, 1 in 4 graduate students and 1 in every 5 undergraduate students belong to the programs of the AHSC. Demand for health-related educational programs far exceeds supply. An expanded AHSC enables UCF to better meet those student educational needs while helping to address the state and region’s critical shortage of healthcare providers.

In summary, investment in the AHSC provides UCF with increased opportunities to serve and leverage our location in the Orlando metropolitan region, one of the most rapidly growing, economically dynamic, and demographically diverse regions in the nation.

III. Personnel - *Describe personnel hiring and retention plans, making sure to connect both plans to initiative(s) and goal(s) described in section I. State the amount of faculty FTE and staff FTE and estimated funding amounts used for retention and new hires in each category. In describing faculty hires, provide overall hiring goals, including academic area(s) of expertise and anticipated hiring level (e.g. assistant professor, associate professor, full professor. Please describe how funds used for faculty or staff retention will help the institution achieve its stated goals. University of Distinction proposals should clearly note how anticipated hires or retained individuals will help the institution elevate a program or area to national or state excellence.*

Personnel hiring

Faculty

| | |
|---|--|
| Biomedical Sciences | 5 faculty (4 assistant, 1 associate) |
| Health Simulation, Technology, and Engineering | 3 faculty (1 assistant, 1 associate, 1 full) |
| Population Health and Health Equity | 4 faculty (3 assistant, 1 associate) |
| Human Performance and Healthy Aging | 4 faculty (3 assistant, 1 associate) |
| Interprofessional education | 1 faculty (associate) |
| Clinical and research-focused faculty and administrator | 1 faculty (full) |
| TOTAL | 17 faculty (11 assistant, 5 associate, 2 full) |

- Research-focused faculty
15 faculty in all 3 ranks across all AHSC colleges. These faculty will bring 12 post-doctoral scientists to increase the research awards and university rankings. The research focus areas are:
 - Biomedical Sciences (5 new hires): The Burnett School and its biomedical research programs differentiate the UCF College of Medicine from other new medical schools and the continued development of our research infrastructure is critical to the growth of our research distinction.
 - Health Simulation, Technology, and Engineering (3 new hires): We will couple the AHSC expertise in biomedical and health sciences research with the university's strengths in engineering, computer science, and data science. Partnering with the university, we will jointly recruit faculty who are distinguished in these areas of research.
 - Population Health and Health Equity (4 new hires): We have a critical mass of AHSC research faculty in these areas and will benefit from mechanisms and structures to facilitate collaboration. In addition, we have access to unique populations in the Central Florida region, at the university, and through our clinical partners for which important research questions can be addressed so as to create community impact. Examples of these populations include tourists in the region, hospitality industry workers, UCF students, the Lake Nona longitudinal life study cohort, the military, and patients served by our clinical partners.
 - Human Performance and Healthy Aging (2 new hires): Our position as a metropolitan university and our presence in Lake Nona creates natural industry collaborations in population health and human development and performance, in addition to access to unique populations.
- Education-focused faculty

- 1 faculty member to lead and coordinate interprofessional education across AHSC colleges (associate)
- Clinical and research-focused faculty and administrator
 - 1 faculty member to strengthen clinical expertise including clinical research and trials and network development.

Staff

| | |
|--------------------------------|---------------|
| Research and education support | 4 FTE |
| AHSC initiatives support | 5 FTE |
| Interprofessional education | 2 FTE |
| Clinical initiatives support | 3 FTE |
| TOTAL | 14 FTE |

- 4 FTE staff members for research and education faculty
- 5-6 FTE staff members to support the AHSC initiatives across all AHSC colleges
- 2 FTE staff members to accelerate and strengthen interprofessional education across AHSC
- 3 FTE staff members to accelerate and strengthen clinical expertise and network development across AHSC

Resources to retain faculty and staff who are being recruited to other states --
\$1 million (recurring).

The non-recurring funds in this proposal represent approximately 50% of the laboratory and technology needs for research faculty and staff. The balance will come from other sources.

IV. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

| | Facility Project Title | Fiscal Year | Amount Requested | Priority Number |
|----|------------------------|-------------|------------------|-----------------|
| 1. | | | | |
| 2. | | | | |

References:

- (1) State University System Board of Governors. 2025 System Strategic Plan. Amended March 2022.

- (2) State University System Board of Governors. BOG Health Initiatives Committee Report on Issues in Health Care Delivery in the State University System, September 2015.
- (3) Liaison Committee on Medical Education Data Collection Instrument.
- (4) Economic Impact of AAMC Medical Schools and Teaching Hospitals, AAMC 2018

2023-2024 Legislative Budget Request
Education and General
Position and Fiscal Summary
Operating Budget Form II
(to be completed for each issue)

University: University of Central Florida

Issue Title: The UCF Academic Health Sciences Center (AHSC) as an accelerant of research, education, workforce, and Florida's economy

| | RECURRING | NON-RECURRING | TOTAL |
|-----------------------------|-------------|---------------|--------------|
| <u>Positions</u> | | | |
| Faculty | 3,692,000 | 5,994,000 | 9,686,000 |
| Other (A&P/USPS) | 1,455,800 | 0 | 1,455,800 |
| | ----- | ----- | ----- |
| Total | 5,147,800 | 5,994,000 | 11,141,800 |
| | ===== | ===== | ===== |
| Salaries and Benefits | \$5,147,800 | \$2,959,500 | \$8,107,300 |
| Other Personal Services | \$0 | \$151,725 | \$151,725 |
| Expenses | \$816,100 | \$849,660 | \$1,665,760 |
| Operating Capital Outlay | \$0 | \$1,820,700 | \$1,820,700 |
| Electronic Data Processing | \$0 | \$212,415 | \$212,415 |
| Financial Aid | \$0 | \$0 | \$0 |
| Special Category (Specific) | \$0 | \$0 | \$0 |
| - Retention Faculty & Staff | \$1,000,000 | \$0 | \$1,000,000 |
| | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| | ----- | ----- | ----- |
| Total All Categories | \$6,963,900 | \$5,994,000 | \$12,957,900 |
| | ===== | ===== | ===== |

**State University System
Education and General
2023-2024 Legislative Budget Request
Form I**

| | |
|---|---|
| University(s): | University of Central Florida |
| Request Title: | UCF RESTORES PTSD Clinic for Florida's Veterans & First Responders |
| Date Request Approved by University Board of Trustees: | July 12, 2022 |
| Recurring Funds Requested: | |
| Non-Recurring Funds Requested: | \$750,000 |
| Total Funds Requested: | \$750,000 |
| Please check the request type below: | |
| Shared Services/System-Wide Request | <input type="checkbox"/> |
| Unique Request | <input checked="" type="checkbox"/> |

I. Purpose – UCF RESTORES provides treatment and resiliency services at no cost to Florida's veterans, active duty personnel, first responders, and survivors of sexual assault, mass shootings or natural disasters.

Treatment Services: Our innovative three-week intensive outpatient treatment program, where personnel are treated three per day, five days per week, is the only program of its kind in the country. The program includes the use of virtual reality (sights, sounds, and smells) to enhance the effects of the therapy and we have seen remarkable success.

Since 2016, we have treated over 1600 individuals; 715 veterans/active duty personnel, 640 first responders (law enforcement, firefighters, emergency medical technicians/paramedics, and emergency dispatchers), sexual assault survivors, and Florida residents who are survivors of the Pulse nightclub, Las Vegas, and Parkland mass shootings. *We were also deployed to the Champlain Towers Building collapse, as part of the State Fire Marshal's office, where we coordinated and provided psychological first aid to the first responders who responded to that event. We have also continued to provide individual treatment to first responders who are suffering emotional distress as a result of that deployment. Our data show that 22% of first responders who deployed to that event have requested mental health treatment as a result of their time onsite.* Using the same "success" criteria as the VA, 67% of veterans and 77% of first responders no longer meet diagnostic criteria for PTSD after three weeks of treatment and they maintain their treatment gains six months later (with no further treatment). These results are superior to 1st line treatment outcomes at the VA – where outcomes range from 31-42% no longer having a diagnosis.

Resiliency Services: Many first responder agencies have reached out to us to help them comply with the Florida law requiring one hour of mental health training for first

responders and we are honored to have been able to respond, providing this training to over 2000 first responders. Our very popular peer support trainings continue as well and to date, we have provided this training to over 1000 participants who represent police/fire/sheriff departments throughout the state of Florida as well as training 60 officers of the Florida Highway Patrol (FHP). In total, training well over three hundred peer supporters. At their request, we have even provided refresher trainings to FHP. Furthermore, in the past year, we have initiated “Advanced REACT”, which is training specific to suicide prevention, geared toward veterans and first responders, two groups with the highest risk of completing suicide.

As illustrated, RESTORES is well-aligned with the university’s strategic plan. UCF has challenged its faculty to create partnerships that allow them to make a distinctive impact on the community. We have developed several distinctive partnerships, including our partnerships with the Florida Firefighters Safety and Health Collaborative and the National Police Foundation’s Center for Mass Violence Response Studies. One of our newest partnerships with with the Orange County Judicial System, where we will be available to provide trauma treatment to jurors who have served on trials where testimony included graphic and horrific images/descriptions of the crime. We also provide opportunities for undergraduate and graduate training with several unique populations.

In the last year alone, we completed over 3300 hours of therapy for Florida’s veterans, first responders and survivors of mass violence (at no cost to participants). This request is to cover the provision of clinical services at our Orlando clinic. It includes salaries and fringe benefits for 4 masters level therapists, 1 care coordinator, 1 business specialist, 1 program manager, 1 resiliency training coordinator, and 2 outreach personnel. It also includes all operational costs for the clinic including electronic health record costs, maintenance of computers, printers, virtual reality equipment, consumable supplies such as diagnostic assessment materials, patient workbooks needed for treatment sessions, copy paper, telephone, etc. The request will allow the clinic to continue to function for another year.

II. Return on Investment - UCF RESTORES’ response to community needs is demonstrable. We are called to assist in a variety of traumatic events throughout our community, including deploying to police or fire stations when there is a first responder suicide or “bad” event. We have worked with mass shooting victims throughout the state. We continue to be the treatment center for veterans who cannot go to or do not want to the VA for treatment. Graduate and undergraduate students are integrated into all aspects of the treatment program, providing them with unique educational opportunities. **Seven of the Ph.D. clinical psychology doctoral students whom we have trained at UCF RESTORES are now full-time clinicians at VAs throughout the country, four of them at VAs in Florida.**

With funding provided in prior years, we produced a web-based certificate program to train master’s level clinicians who want to learn how to conduct our evidence-based treatment for veterans and first responders. We saw the need for this program firsthand, when we were requested to deploy to Parkland after the school shooting. We heard the stories of first responders, parents, and students who were unable to find therapists willing to work with them. Last year we provided over 100 scholarships to clinicians

throughout Florida who were interested in providing our evidence-based treatment program, another way that we are extending our impact across the state.

Finally, in terms of return on investment, it cannot be overstated that a key outcome of RESTORES' work is to allow the state to retain its critical group of first responders by allowing them to recover from their trauma-related injuries and return to the workplace. Not only does this improve the quality of life for these heroes, it has a substantial economic impact in terms of savings from the recruitment and training of replacement personnel. It has been estimated that up to 35% of police sick-time claims are due to the consequences of stress. Similar rates have been reported for firefighters. Obviously, this results in millions of dollars in cost to the agencies. Alarming, this rate appears to be increasing yearly. Additionally, the National Labor Organization reports that 63% of first responders who leave the workplace cite stress as a key factor in their decision. Recruiting replacements is both difficult and costly. Many agencies are suffering from an inability to even identify qualified personnel. When replacements are found, it is estimated that the costs of training can approach \$20,000 per person.

III. Personnel – This \$750,000 in requested funding is for retention of personnel who perform the essential functions at UCF RESTORES basic operational costs associated with running the clinic:

Personnel: \$485,00 salary and fringe benefits:

- Four (4) masters level therapists (4 FTE)
- One (1) clinical care coordinator (1 FTE)
- One (1) business specialist (1 FTE)
- One (1) program manager (1 FTE)
- One (1) front desk receptionist (1 FTE)
- One (1) resiliency training coordinator (1 FTE)
- Two (2) outreach personnel. (0.5 FTE each)

As noted, all funding is for retention of personnel who have allowed our clinic to provide the needed training and clinical services at no cost to Florida's veterans, military personnel, first responders, survivors of sexual trauma, and survivors of mass shootings and other natural/manmade disasters. If insurance were to be billed for these services or the individual had to pay out of pocket, the cost would exceed \$1 million. Thus, providing these services at no cost is a great benefit to the citizens of Florida.

IV. Facilities *(If this issue requires an expansion or construction of a facility, please complete the following table.):*

| | Facility Project Title | Fiscal Year | Amount Requested | Priority Number |
|----|------------------------|-------------|------------------|-----------------|
| 1. | | | | |
| 2. | | | | |

2023-2024 Legislative Budget Request
Education and General
Position and Fiscal Summary
Operating Budget Form II
(to be completed for each issue)

University: University of Central Florida
Issue Title: UCF RESTORES PTSD Clinic
For Florida's Veterans and First Responders

| | <u>RECURRING</u> | <u>NON- RECURRING</u> | <u>TOTAL</u> |
|-----------------------------|------------------|---------------------------|--------------|
| <u>Positions</u> | | | |
| Faculty | 0.00 | 0.00 | 0.00 |
| Other (A&P/USPS) | 0.00 | 0.00 | 10.00 |
| | ----- | ----- | ----- |
| Total | 0.00 | 0.00 | 10.00 |
| | ===== | ===== | ===== |
| Salaries and Benefits | \$0 | \$732,000 | \$732,000 |
| Other Personal Services | \$0 | \$0 | \$0 |
| Expenses | \$0 | \$18,000 | \$18,000 |
| Operating Capital Outlay | \$0 | \$0 | \$0 |
| Electronic Data Processing | \$0 | \$0 | \$0 |
| Financial Aid | \$0 | \$0 | \$0 |
| Special Category (Specific) | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| | \$0 | \$0 | \$0 |
| | ----- | ----- | ----- |
| Total All Categories | \$0 | \$750,000 | \$750,000 |
| | ===== | ===== | ===== |