

The official minutes of the University of South Carolina Board of Trustees are maintained by the Secretary of the Board. Certified copies of minutes may be requested by contacting the Board of Trustees' Office at trustees@sc.edu. Electronic or other copies of original minutes are not official Board of Trustees' documents.

University of South Carolina
BOARD OF TRUSTEES

Buildings and Grounds Committee

April 24, 2015

The Buildings and Grounds Committee of the University of South Carolina Board of Trustees met at 9:30 a.m. on Friday, April 24, 2015, in the 1600 Hampton Street Board Room.

Members present were: Mr. William W. Jones, Jr., Chairman; Mr. Mark W. Buyck, Jr.; Mr. Thomas C. Cofield; Mr. Toney J. Lister; Mr. Miles Loadholt; Ms. Leah B. Moody; Mr. Charles H. Williams; Mr. Eugene P. Warr, Board Chairman; and Mr. John C. von Lehe, Jr., Board Vice Chairman. Mr. William C. Hubbard was absent.

Other Trustees present were: Mr. Chuck Allen; Mrs. Paula Harper Bethea; Mr. J. Egerton Burroughs; Mr. A. C. "Bubba" Fennell; Mr. Hubert F. Mobley; Dr. C. Dorn Smith III; Mr. Thad Westbrook; and Mr. Mack I. Whittle, Jr.

Also present was student representative Jonathan Kaufman.

Others present were: President Harris Pastides; Secretary Amy E. Stone; General Counsel Walter "Terry" H. Parham; Chief Operating Officer Edward L. Walton; Interim Provost Helen Doerpinghaus; Chief Financial Officer Leslie Brunelli; Vice President for Student Affairs Dennis A. Pruitt; Vice President for Information Technology William F. Hogue; Vice President for Development and Alumni Relations Jancy Houck; Vice President for Facilities and Transportation Derrick Huggins; Chief Communications Officer Wes Hickman; Athletics Director Ray Tanner; University Foundations Executive Director Russell H. Meekins; USC Aiken Chancellor Sandra Jordan; Executive Director of Audit & Advisory Services Pam Doran; Associate Vice President for Business Affairs, Division of Administration and Finance, Helen T. Zeigler; Executive Director for the Office of Economic Engagement William D. "Bill" Kirkland; College of Arts and Sciences Dean Mary Anne Fitzpatrick; Director of Facilities Planning and Programming and University Architect Derek S. Gruner; Director of Facilities Design and Construction Jeffrey D. Lamberson; Executive Associate Athletics Director Kevin O'Connell; Senior Vice Provost and Dean of Graduate Studies Lacy Ford; Associate Director of Strategic Planning and Assessment Cameron Howell; Director of Capital Budgets and Financing, Division of Administration and Finance, Charlie Fitzsimons; Director of Governmental and Community Relations and Legislative Liaison Shirley D. Mills; University

Controller Jennifer Muir; Chief Diversity Officer John H. Dozier; Assistant Director for Energy Services Charles Stevenson; USC Aiken Senior University Facilities Director Brian Enter; Director of Facilities Business and Finance Department Richard Katz; Senior Project Manager, Facilities Design and Construction, Thomas Opal; Executive Vice Chancellor for Administration and Finance, USC Aiken, Joe Sobieralski; Chief of Staff, President's Office, J. Cantey Heath, Jr.; University Technology Services Production Manager Matt Warthen; and Board staff members Debra Allen and Terri Saxon.

I. Call to Order

Chairman Jones called the meeting to order and welcomed everyone. Mr. Hickman introduced members of the media in attendance: Hannah Jeffrey and Lauren Shirley with the *Daily Gamecock*; Jamie Self with *The State*; and Scott Hood with *Gamecock Central*.

Chairman Jones stated that notice of the meeting had been posted and the press notified as required by the Freedom of Information Act; the agenda and supporting materials had been provided to the committee; and a quorum was present to conduct business.

Chairman Jones stated there were proposed contractual matters related to gift namings that were appropriate for discussion in Executive Session. Mr. Lister moved to enter Executive Session and Mr. von Lehe seconded the motion. The vote was taken and the motion carried.

The following persons were invited to remain: President Pastides, Secretary Stone, Mr. Kaufman, members of the President's Executive Council, Dr. Fitzpatrick, Mr. Gruner, and Ms. Doran.

Return to Open Session

Chairman Jones called on Secretary Stone to read the following statement: "The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue." She stated that the statement would be inserted into the record where appropriate.

II. Project Approvals

Chairman Jones called on Mr. Gruner to present the projects for which approvals were being sought.

A. Phase II Approval

– Men's Basketball Offices and Team Spaces Renovation

This project creates a men's basketball office suite for coaches and staff and renovates and upfits numerous team spaces serving the men's and women's basketball programs and the

volleyball program within the lower level of Carolina Coliseum. Approximately 24,000 square feet will be affected by a comprehensive or limited renovation and upfit.

Men's Basketball Offices – Men's basketball coaches and staff will be relocated to a new 3,667-square-foot suite on the ground floor of the coliseum near the Park Street entrance. This exterior entrance will be improved with windows for natural light and branded with graphics to identify the men's basketball program. The grounds around the entry will be improved with landscaping. Currently, the men's and women's basketball programs share coaches and staff office space on the second floor of the Athletic Practice Facility with each program having only about 1,900 square feet of space in separate suites. The staffs have expanded since the original occupation of these areas and now multiple staff members must share office space to remain within the footprint of the suites. The limited reception and entry area and the sharing of space make it difficult to strongly promote the individual basketball programs. The relocation of the men's team to the lower level of the coliseum will solve these problems.

Women's Basketball – The women's locker room, lounge and toilet/shower room will receive improvements that include shower area renovations and shifting the locker room to no longer be impaired by structural columns.

Basketball and Volleyball Team Spaces – A poorly finished existing service corridor that connects the spaces in the coliseum to the Athletic Practice Facility will be finished to become a concourse and seating area. The women's basketball weight room is in a separate area of the coliseum and the men's weight room is in the Colonial Life Arena. The new plan will consolidate these weight rooms by renovating a portion of the service corridor and transforming it into a finished weight/cardio room space for the basketball and volleyball programs. This will eliminate the need for student athletes to travel among multiple facilities for different activities. Each program will have training and hydrotherapy rooms near the weight and locker rooms.

Construction is scheduled to begin in April 2016, with projected completion in October 2016 prior to the start of the 2016 Basketball Season.

Chairman Jones called for a motion to recommend full Board approval to fund Phase II design and construction for a total project budget of \$4,000,000 funded with Athletic Operating Funds. Mr. Williams so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

B. Phase I Approvals

Chairman Jones called on Mr. Gruner who stated that the first four projects for consideration would be funded with Johnson Controls Inc. (JCI) settlement funds. He explained that after the biomass technology was taken off-line, it was decided that master planning would be undertaken to determine the most beneficial application of the JCI settlement funds to the needs of the campus energy infrastructure. No projects would be established and no funding spent until a responsible plan was established to determine which projects would be most impactful and offer the best return on investment. The master planning effort involved an external consulting firm and University energy staff. This planning determined that near-term projects should focus on enhancing the reliability of energy delivery for environmental control to the campus and the delivery of electricity to research facilities during a loss of service from the utility provider.

1. North Energy Plant Expansion and Chilled Water Loop Extension

A long-term plan is currently being developed to establish energy generation utilizing proven technology in the former biomass plant. The north energy plant expansion and chilled water loop extension is one of the near-term projects focused on enhancing reliability of energy delivery (chilled water) for environmental control.

This project will increase the chilled water capacity for the western portion of the campus by adding a 3,000-ton chiller and cooling tower to the North Energy Plant. This plant, which is situated at the corner of Devine and Park Streets just west of the Darla Moore School of Business, will be physically expanded to accommodate the new equipment and to include space and electrical/piping infrastructure for a future 3,000-ton chiller/cooling tower to support future construction in the Innovista District. The first 3,000-ton chiller and cooling tower, which is included in this project, will offer back-up capacity for facilities served by the North and West Energy Plants and portions of the campus served by the East Energy Plant, should existing cooling equipment fail.

Also included in this project is the installation of new 16-inch, or larger, chilled water piping to allow the North Energy Plant to provide emergency back-up cooling to the West Energy Plant chilled water loop and back-up portions of the East Energy Plant chilled water loop. The project will also include a new four-inch steam condensate line as back-up to the existing one located in Greene Street. Underground piping will be routed from the North Energy Plant southward along Park Street to the southwest corner of the Strom Thurmond Wellness and Fitness Center and turn eastward to connect with

an existing vault at Assembly Street. This will integrate the North Energy Plant into the campus infrastructure with a loop that will optimize the benefit this plant can provide to the campus.

The anticipated cost for the project is \$11,850,000 (total project budget) and will be funded with JCI Settlement Proceeds. Approval is requested to fund the initial design, the refinement of a cost estimate, and the development of a schedule.

Chairman Jones called for a motion to recommend full Board approval to establish this project for Phase I Design with a budget of \$177,750 funded with JCI Settlement Proceeds. Ms. Moody so moved and Mr. Cofield seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

2. Emergency Generators for Critical Research Buildings

The emergency generators for critical research buildings is one of the near-term projects focused on enhancing reliability of energy delivery by providing electricity to research buildings during a loss of power from the electrical provider.

An internal study was conducted to evaluate campus buildings that support research and determine those most vulnerable to a loss of power from the utility grid. Numerous buildings and the content of their research were investigated from the standpoint of the value of the research, which would be ruined or setback and the implications to life safety in a building or a lab should negative pressure at a hood suddenly be lost due to a mechanical system being rendered non-functional.

This project will install emergency electrical generators at three critical research facilities. An existing 800-KW generator at the Coker Life Sciences building will be relocated to the Swearingen building. A new larger 1000-KW generator will be installed at Coker Life Sciences building and a new 500-KW generator will be installed at the Earth and Water Sciences building. The project will integrate the generators with the buildings' electrical systems and include automatic transfer switches for immediate power transfer switching. The generators will be sized to supply power to the entire building electrical system to allow uninterrupted operation of research, mechanical ventilation, lighting, teaching and administrative activities.

The anticipated cost for the project is \$1,500,000 (total project budget) and will be funded with JCI Settlement Proceeds. Approval is requested to fund the initial design and the development of a cost estimate and project schedule.

Chairman Jones called for a motion to recommend full Board approval to establish this project for Phase I Design with a budget of \$22,500 funded with JCI Settlement Proceeds. Ms. Moody so moved and Mr. Williams seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

C. Other Approvals

1. Fuel Storage Tanks at East and West Energy Plants

The fuel oil storage tanks installation at the East and West Energy Plants was one of the near-term projects focused on enhancing reliability of energy delivery by providing additional petroleum at the plants to enable them to more reliably create steam if natural gas service is curtailed.

This project will install a new 30,000- to 40,000-gallon underground fuel oil storage tank at both the East and West Energy Plants to increase the existing tank capacity where the petroleum combustion occurs.

Steam for heating and hot water is generated at the energy plants by burning piped natural gas. USC participates in a “curtailment” program with South Carolina Electric & Gas to reduce gas costs. However, on occasions of increased winter demand elsewhere in the country, gas can be diverted from USC at the energy provider’s discretion. USC receives \$300 thousand to \$1.3 million in net annual savings by participating in this program. When a curtailment occurs, the University relies on burning petroleum at its plants to continue the production of steam. These plants currently have small tanks in the range of 15,000-24,000 gallons. During an extended loss of natural gas, fuel must be trucked to the plants for combustion. Local oil vendors and USC drivers can experience difficulty in providing oil to the plants for heating during emergencies and icy weather. USC currently has ten 30,000-gallon fuel tanks at its fuel oil tank farm located at the motor pool west of the Colonial Life Arena. These tanks are over 30 years old and nearing the end of their life expectancy.

This project will install larger tanks at the source of combustion, eliminating the need for trucking resupplies during emergencies of more than 7-10 days. Consequently, the project will eliminate most transportation safety issues related to oil delivery, will eliminate the need to maintain an aged fuel oil truck, and will eliminate the need to maintain staff CDL drivers. Furthermore, the retirement of the existing remote tanks will enable development of the property above the tanks.

Chairman Jones called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$900,000 to be funded with JCI Settlement Proceeds. Mr. Lister so moved and Mr. Cofield seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

2. West Energy Plant Automation Project

West Energy Plant automation will indirectly enhance reliability of energy delivery by more precisely controlling the operation of plant equipment, but will primarily reduce energy consumption. This project will automate the start/stop sequence for all West Energy Plant chillers, cooling towers, plate frame heat exchangers and all pumps within the plant. Automated sequencing will be based on actual power consumption required to meet demand.

This project will reduce energy consumption and cost by operating only the equipment required to meet actual energy demand. It is estimated that there will be a \$200,000 annual savings produced by the resulting efficiency for an estimated less than a two-year return-on-investment. The project will provide more reliable and consistent operation, while increasing the life of plant equipment due to reduced operating hours.

Chairman Jones called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$350,000 to be funded with JCI Settlement Proceeds. Mr. von Lehe so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

3. Uninterrupted Power Service Support Installation

The University of South Carolina operates sensitive IT equipment in its data center and in hundreds of campus locations. When the campus experiences unexpected disruption in electrical service, unprotected IT equipment can experience various levels of damage, from requiring repair to total replacement. Some IT locations (major equipment hubs) are protected by Uninterrupted Power Service (UPS) devices with limited battery backup. The UPS is designed to protect equipment from short-term power interruptions or until emergency backup power is established by generator start-up.

In response to recent power interruptions, University Technology Services (UTS) identified key critical IT services that need protection beyond current UPS capabilities. This includes enterprise campus communication and authentication systems along with other data center critical applications. In an effort

to reduce risk in the future and to improve overall access to core critical University systems during campus power disruptions, UTS is requesting an increase to the current data center UPS systems protection.

The data below was collected by IBM during an assessment of the USC Data Center in October 2013.

UPS	UPS Load Normal (kW)	UPS Load During Primary Power Fault (kW)	% UPS Capacity Used During Primary Power Fault	UPS Load Capacity Remaining To Support Future IT (kW)*
APC Symmetra PX, 0kVA	12	20	55%	16
APC Symmetra PX, 0kVA	38	68	94%	0
Liebert Npower, 80kVA	52	62	86%	9
Total	102	146	86%	25

As of February 2015, the data center current UPS capacity will be 87%+ consumed and no additional equipment can be added without increased UPS capacity.

Chairman Jones called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$500,000 to be funded with UTS Operating Funds. Mr. Cofield so moved and Mr. Williams seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

4. Coker Classroom 215 Renovation

Coker has two Distance Education/Smart Classrooms (211 and 215) that accommodate about 130 students each. Several years ago Classroom 211 was renovated to reconfigure new seating with seminar tables for better teaching sightlines and larger work surfaces. The Coker 215 Renovation project will mirror that renovation. It will include new interior finishes, new furnishings, the upgrade and installation of new distance education multi-media equipment, and mechanical and electrical modifications. The HVAC system in 211 has proven insufficient and this problem will be corrected as part of the Coker Classroom 215 Renovation project.

The project is a high priority for the College of Pharmacy. The total budget for the project is \$550,000 and will be funded with \$275,000 in Institutional Capital Project Funds (ICPF), earmarked for classroom enhancement; and \$275,000 in Institutional Funds originating from the College of Pharmacy.

Chairman Jones called for a motion to recommend full Board approval to establish and fully fund this project with a budget of \$550,000 to be funded with \$275,000 of ICPF and \$275,000 of Institutional

Funds from the College of Pharmacy. Ms. Moody so moved and Mr. Lister seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

5. Arnold School of Public Health Memorial Plaque for Dr. Raja Fayad

The Arnold School of Public Health requests approval to install a small metallic plaque, (approximately 8" x 10"), at the base of a tree that was planted as a memorial to Dr. Raja Fayad. Text for the plaque is proposed to be as shown below:

In Loving Memory of
Dr. Raja Fayad
Associate Professor of Exercise Science
December 17, 1969 – February 5, 2015

His kindness knew no bounds, and
he always saw the good in others.
He was the consummate helper to anyone
who asked and to many, many who didn't.
He changed the thinking and the lives of so
many students with his exceptional teaching.
-Arnold School of Public Health Colleagues

The heart's affections are divided like
the branches of the cedar tree; if the tree
loses one strong branch; it will suffer
but it does not die; it will pour out all its
vitality into the next branch so that it will
grow and fill the empty place."
-Khalil Gibran (1912)
Lebanese poet, writer and artist

Chairman Jones called for a motion to recommend full Board approval for installation of a small metallic plaque at the base of a tree that was planted as a memorial to Dr. Raja Fayad, with text as presented and provided in the meeting materials. Mr. Williams so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

6. George Rogers Sculpture Plaques

This project will install four separate cast metal plaques at the base of the forthcoming George Rogers sculpture at Williams-Brice Plaza. The text for the plaques is as shown below:

Plaque 1:

George Rogers
University of South Carolina
1980 Heisman Trophy Winner

George Rogers came to the University of South Carolina in 1977 and left his mark as one of the greatest football players in school history. In 1980, Rogers became the first Gamecock

to receive the prestigious Heisman Trophy and holds the distinction of twice finishing in the top 10 in Heisman Trophy voting. During his time at Carolina, Rogers rushed for 5,204 yards, gaining more than 100 yards in each of his final 22 college games. His 31 career rushing touchdowns and 202 career points also broke USC records and still rank among the most in school history. Rogers earned first-team All-America honors in his junior and senior seasons. His jersey number, 38, was retired during halftime ceremonies at South Carolina's final 1980 home game, and in 1997 Rogers became the first Gamecock inducted into the College Football Hall of Fame. Rogers was the first overall selection of the 1981 NFL Draft by the New Orleans Saints, and he went on to a seven-year NFL career, earning NFL Offensive Rookie of the Year in 1981 and making the Pro Bowl in 1981 and 1982. Rogers' impact in the Columbia area continues through the George Rogers Foundation, helping students achieve the success that he was able to attain during his years at USC.

Plaque 2:

George Rogers
1977 – 80

Official Team Records

Rushing Yards – Season: 1,894 (1980)
 Rushing Attempts – Season: 324 (1980)
 Rushing Yards – Career: 5,204 (1977-80)
 Rushing Attempts – Career: 954 (1977-80)
 100-Yard Rushing Games – Season: 12 (1980)
 100-Yard Rushing Games – Career: 27 (1977-80)
 All-Purpose Yards – Season: 1,917 (1980)
 All-Purpose Yards – Career: 5,932 (1977-80)

Plaque 3:

1980 South Carolina Gamecocks
8 - 4

10 Gary Harper	28 Gary Burger	50 Ed Baxley	66 Tommy Smoake
11 Mark Fleetwood	29 Troy Thomas	51 George Smith	67 Joe Doyle
13 Chris Norman	30 James McKie	52 Emanuel Weaver	68 Steve Gettel
14 Gordon Beckham	31 Percy Reeves	53 Mike Durrah	70 Andrew Provence
15 Terry Bishop	34 Todd Berry	54 Rickey Hagood	72 Donnie McDaniel
17 Eddie Leopard	35 Dominique Blasingame	55 Jim Walsh	73 Mike Vargo
19 John Tanner	36 Johnnie Wright	57 Greg McDonald	74 Chuck Allen
20 Mark Bridges	38 George Rogers	58 J.D. Fuller	75 Ricky Elliott
21 Jake Gadsden	39 Carl West	59 Walt Kater	76 Chuck Slaughter
22 Bryant Gilliard	43 John Bailey	60 Mark Austin	77 George Schechterly
23 Tim Rhino	44 Horace Smith	61 Marc Loggins	79 Tim Dyches
24 Robert Perlotte	45 Tim Gillespie	62 Philip Proctor	80 Phil Ellis
25 Pat Bowen	46 Ben Cornett	63 Del Wilkes	81 Hal Henderson
26 Harry Skipper	47 Willie Scott	64 Randy Teston	84 Karey Johnson
27 Chuck Finney	49 DeWayne Chivers	65 San Dodgen	85 Paul Williams

Trustee Allen first commended Mr. Gruner and Mr. O'Connell for their exemplary work on this project. However, having been a member of the team, he requested the following corrections and amendments to Plaque 3:

- #10 should be spelled "Garry" Harper, not "Gary," and that other spelling be checked
- That the team captains be identified

- That the title “1980 South Carolina Gamecocks” be changed to “University of South Carolina 1980 Gator Bowl Team,” which was used to caption a photograph of the team that Mr. Allen had found.

Following some discussion, Mr. Gruner said that he would work with the Athletics Department and Mr. Allen to ensure that these corrections were made.

Plaque 4:

This statue was made possible through a generous gift from

Mr. James H. Shelley
Mrs. Patricia Knight Shelley

Jim and Patti are dedicated and lifelong Gamecocks who have made a lasting impact on the future of South Carolina Athletics.

Dedicated 2015

Chairman Jones called for a motion to recommend full Board approval to install as presented, cast metal plaques 1, 2, and 4 at the base of the George Rogers sculpture to be placed at Williams-Brice Plaza, and to install plaque 3 with the corrections and amendments recommended by Mr. Allen. Ms. Moody so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

III. Project Budget Adjustments

– USC Aiken Pedestrian Bridge Project Increase

The project is to construct a 10-foot wide, 150-foot long, single-span pedestrian bridge over the Robert M. Bell Parkway. The project will include an ADA-compliant access ramp and stairs at each side of the bridge, sidewalks, lighting, and signage. At USC Aiken, the Roberto Hernandez Baseball Field and the Convocation Center are located on property west of the main campus across the parkway and are thus separated from the main campus. This creates safety issues for pedestrians, who are mostly students attending athletic events, concerts, and community activities at these facilities. The speed limit on the Robert M. Bell Parkway is 55 miles per hour.

This project was approved in December 2010, with a total project budget of \$1,300,000.

Currently approved funds of \$1,300,000 are insufficient for the construction of the bridge based on the results of a 2014 competitive construction bid. Third-party estimators and value engineering efforts have confirmed that the bridge cannot be constructed with the available funding due to increased costs for both the materials and labor. The requested increase in funding is for construction only. All architectural and engineering services are complete and the project is ready to be re-bid.

The pedestrian bridge is a safety project and remains one of the highest priorities for the USC Aiken campus. To complete this project, additional funding must be provided.

The total required project budget to execute the bridge and associated site improvements is \$2,800,000, which requires an additional \$1,500,000 to be funded with USC Aiken Institutional funds.

Chairman Jones called for a motion to recommend full Board approval to increase the budget for this project by \$1,500,000 funded with USC Aiken Institutional Funds, resulting in a total project budget of \$2,800,000 funded with \$500,000 from the Aiken County Transportation Committee, \$200,000 from South Carolina Department of Transportation Enhancement Fund, \$300,000 from USC Aiken Institutional Capital Project Funds, and \$1,800,000 from USC Aiken Institutional Funds. Mr. Cofield so moved and Ms. Moody seconded the motion. The vote was taken and the motion carried.

The University hereby declares its official intent, pursuant to federal regulations, to reimburse itself from the amount of proceeds of the tax-exempt bond issue.

IV. Planning Items

A. Instructional Labs

Mr. Gruner said that based on discussions at the Board's retreat in January, he had prepared a report on undergraduate instructional science lab planning. The full report was provided in the meeting materials. He said that instructional science lab typologies included: chemistry, biology, physics and other disciplines. He explained the pedagogical trends in lab and science facility design and reviewed USC lab utilization metrics and data from the past, the present, and for the future. He suggested four options for providing additional labs: leasing, targeted interim renovations, comprehensive renovations and new construction.

The undergraduate instructional science lab plan conclusions and recommendations included:

- Renovate 3-6 labs in the interim to maintain status quo with contact hours; and do not lease modular labs.
- Determine available funding for a comprehensive renovation of the old Law Center and seek Phase I approval at the appropriate time.
- Provide 15-18 new chemistry labs at the old Law Center, with support spaces of recommended sizes. Seek to design the interior so as to incorporate modern teaching pedagogies wherever possible. The project could be phased. Planning strategies for financing and equipment procurement might include leasing equipment as an option.
- Once chemistry labs are established in the old Law Center, update casework and finishes in existing Jones Physical Sciences Center chemistry labs to benefit biology and other less intensive instructional lab classes.

Mr. Whittle and other Trustees relayed constituents' concerns about the condition of some labs and the overall shortage of lab space that creates scheduling challenges for students who try to complete

required coursework in a timely manner. President Pastides underscored that the Provost Office was working to improve the lab spaces and scheduling.

B. Greene Street and Foundation Square Update

Mr. Gruner provided an update on the Greene Street, Lincoln Street, and Foundation Square improvements, designed in accordance with the Innovista Master Plan, and funded by the Richland County penny sales tax. The project will encompass the area from Assembly Street to Huger Street to connect the campus and the city with the Congaree River. The project includes the creation of a park at the intersection of Greene and Lincoln Streets.

Project construction is scheduled to begin on Greene Street from Assembly Street to Park Street, on June 1; and in the Fall 2015, from Park Street to Gadsden Street.

Mr. Gruner called on Mr. Parham who said the City of Columbia had approved the University's use of the northern corner of the city block bounded by Greene, Lincoln, Devine and Gadsden Streets for the development of Foundation Square. This property was leased in March 2012 from the city and an amendment to the lease stipulating the change in use would be presented during the Executive Committee later in the day.

C. Other Matters

Mr. Gruner reported that an effort was underway, led by the University Audit & Advisory Services Office, to review checks and balances associated with receiving, inventorying, auditing and insuring fine art and historic treasures. This effort will include reviewing processes at six campus museums, as well as process at Columbia campus departments and System Campuses that hold art.

Resulting from the discussion at the January 2015 Board Retreat, Dick Galehouse from Sasaki, the University's Master Planner, recently visited campus to review its growth and to discuss future planning. Mr. Gruner said that Sasaki will be charged with updating metrics in the 2010 Master Plan based on

current and projected enrollment; and that a future Buildings and Grounds Committee meeting could include a presentation by Mr. Galehouse.

Mr. Gruner provided a construction update. The Hamilton College Renovation and the School of Journalism Renovation projects are expected to be complete as scheduled, in time for the start of the 2015 Fall Semester. The Williams-Brice Stadium Plaza project is scheduled for completion by the first home football game. The Indoor Practice Facility project incurred some schedule setbacks; therefore, the building will be complete by June 1, with sod installed by August 1. He reported that construction of the new Law School was on schedule.

Mr. Gruner concluded his presentation by informing the Trustees that the Horseshoe was scheduled to be re-sodded this summer.

V. Gift Naming Opportunities

Chairman Jones said that the Gift Naming Opportunities Committee met on March 19, 2015, and approved naming opportunities in conjunction with the appropriate donations. The following gift naming opportunities were presented in Executive Session without objection:

A. Alumni Center

1. "Lynn and John Bradley Office"
2. "Gayle and Eddie Brown Reception/Welcome Area"
3. "Claypoole Family Office"
4. "DesChamps Family Executive Suite Small Office"
5. "Jo Ann and Bubba Fennell Board Room Courtesy Space"
6. "Jaggard Family Student Lab"
7. "Emily and John Lumpkin Executive Office Conference Room"
8. "Telencio Family Office"

B. Athletics

1. "Adams Gate"
2. "Bignon Gameday Center"
3. "Jeffcoat Gate"
4. "Long Gate"
5. "Mitchell Gate"
6. "Mungo Gate"

C. Darla Moore School of Business

1. "W.W. Hootie Johnson Performance Hall"
2. "Dr. Olin S. Pugh Trading Room"
3. "SCANA Study Commons"
4. "Wells Fargo Undergraduate Division"

Chairman Jones called for a motion to recommend that the full Board approve these gift naming opportunities as presented. Mr. Williams so moved and Mr. Loadholt seconded the motion. The vote was taken and the motion carried.

VI. Other Matters

Chairman Jones called for any other matters to come before the committee.

VII. Adjournment

There being no other business to come before the committee, Chairman Jones declared the meeting adjourned at 11:25 a.m.

Respectfully submitted,

Amy E. Stone
Secretary