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David Germano – Professor of Religious Studies; Director, UVa Tibet Center; Director, UVa Contemplative Sciences Center; Director, SHANTI

David Germano has taught and researched Tibetan and Buddhist Studies at the University of Virginia since 1992. Since 2011, Germano has played a lead role in preparing and then organizing UVA’s new Contemplative Sciences Center which he currently directs. He works extensively with each of the eleven schools at UVA to explore learning, research, and engagement initiatives regarding contemplation in their own disciplinary and professional areas, as well as new partnerships across the schools.

Joanna Hardin – Head Coach of Softball

Joanna Hardin is entering her second season as the head coach of the Virginia Cavaliers softball team. In her first year at the helm, Hardin led the Cavaliers back to the ACC Tournament for the first time in three seasons and improved the Virginia win total by eight games. The Cavaliers won nine ACC games, the second most in school history. Prior to Virginia, Hardin spent four seasons at McNeese State, the first two as an assistant coach. She also has served as an assistant coach at Liberty University from 2007-09, with a stint as the head coach at Jefferson Forest High School in Forest, Va. Hardin began her coaching career as the head coach at Whittier Christian High School in La Habra, Calif., from 2005-07 and helped guide the Heralds to an Olympic League championship in 2006. Hardin played softball for Biola University in La Mirada, CA where she was a four-year letter winner from 2002-05. She was a four-time All-Conference and All-Region selection and earned NFCA All-America honors as a freshman in 2002.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 7, 2017

COMMITTEE: Buildings and Grounds

AGENDA ITEM: I. Remarks by the Chair

ACTION REQUIRED: None

BACKGROUND: The Committee Chair will provide introductory remarks.
II.A.1. ARCHITECT/ENGINEER SELECTION: ALDERMAN LIBRARY RENEWAL

The renovation of Alderman Library will begin the next chapter of the library’s service to the scholarly innovation and excellence that is the hallmark of the University of Virginia. Alderman remains the University’s main library with holdings of over 2.4 million volumes. Its renovation is essential to bringing the Library up to contemporary standards of safety, accessibility, usability, and service. Additionally, it provides an opportunity to create a library for the University’s third century. A joint selection committee from the Office of the Architect for the University, the Library, the Office of the Provost, and Facilities Management interviewed three architectural firms from a list of 19 firms that submitted letters of interest, all three with the required experience working on similar projects, to provide architectural services for this project. Based on the proposals submitted by the firms and the interviews, the University recommends the selection of HBRA Architects of Chicago, IL for this contract. HBRA Architects was selected based on the firm’s qualifications, experience, and understanding of the specific challenges presented by the project.

**ACTION REQUIRED:** Approval by the Buildings and Grounds Committee

**ARCHITECT/ENGINEER SELECTION FOR THE ALDERMAN LIBRARY RENEWAL**

Resolved, HBRA Architects of Chicago, IL is approved for the performance of architectural services for the renewal of Alderman Library.

II.A.2. ARCHITECT/ENGINEER SELECTION: CARR’S HILL HISTORIC REHABILITATION

The planned rehabilitation of the President’s House on Carr’s Hill will correct longstanding structural issues, modernize the building’s systems and bathrooms, and enable the building to continue its dual role as a public facility for the University and a private residence for the president of the University. The addition to the house will replace the tented terrace to create a year-round facility that will serve as a meeting and conference space, as well as a venue for some of the University’s public functions. Additional work to the outbuildings will provide them with modern heating, air conditioning, and sanitary lines. A joint selection committee from the Office of the Architect for the University, the Office of the President, and Facilities Management interviewed three architectural firms from a list of 14 firms that submitted letters of interest, all three with the required experience working on similar projects, to provide architectural and engineering services for this project. Based on the proposals submitted by the firms and the interviews, the University recommends the selection of Glavé & Holmes Architecture of Richmond, VA for this contract. Glavé & Holmes Architecture was
selected based on their qualifications, experience, and understanding of the specific challenges presented by this project.

**ACTION REQUIRED:** Approval by the Buildings and Grounds Committee

**ARCHITECT/ENGINEER SELECTION FOR THE CARR’S HILL HISTORIC REHABILITATION**

RESOLVED, Glavé & Holmes Architecture of Richmond, VA is approved for the performance of architectural and engineering services for the historic rehabilitation of Carr’s Hill.

**II.A.3. ARCHITECT/ENGINEER SELECTION: SOFTBALL STADIUM**

The proposed new stadium will relocate softball from the Park on North Grounds to a new facility at historic Lambeth Field (pending approval of Concept, Site, and Design Guidelines); enhance recruitment efforts and the fan experience; and include an indoor practice facility, locker rooms, lounge/nutrition area, sports medicine room, team meeting rooms, and bullpens. A joint selection committee from the Office of the Architect for the University, Athletics, and Facilities Management interviewed four architectural firms from a list of 12 firms that submitted letters of interest, all four with the required experience working on similar projects, to provide architectural services for this project. Based on the proposals submitted by the firms and the interviews, the University recommends the selection of VMDO Architects of Charlottesville, VA, in collaboration with DLR Group of Omaha, NE, for this contract. VMDO Architects and DLR Group were selected for this project based on their qualifications, extensive experience designing new and renovating athletic stadiums, and understanding of the complexities of the proposed project.

**ACTION REQUIRED:** Approval by the Buildings and Grounds Committee

**ARCHITECT/ENGINEER SELECTION FOR THE SOFTBALL STADIUM**

RESOLVED, VMDO Architects of Charlottesville, VA, in collaboration with DLR Group of Omaha, NE, is approved for the performance of architectural services for the Softball Stadium.

**II.A.4. ARCHITECT/ENGINEER SELECTION: LOW TEMPERATURE HOT WATER CONVERSION**

The University is beginning a multi-year phased project to transition from steam and medium temperature hot water to a low temperature hot water distribution system. A heating distribution system based on low temperature will allow the integration of waste heat recovery equipment into the generation fleet, and reduce greenhouse gas emissions by
lowering the heat lost from the distribution piping. A selection committee from Facilities Management interviewed four firms from a list of 12 firms that submitted letters of interest, all with the required experience working on similar projects, to provide engineering services for this project. Based on the proposals submitted by the firms and the interviews, the University recommends the selection of Affiliated Engineers of Chapel Hill, NC for this contract. Affiliated Engineers was chosen based on its qualifications, relevant experience in combined heat and power projects, and a solutions-oriented approach to the challenges and complexities presented by this project.

**ACTION REQUIRED:** Approval by the Buildings and Grounds Committee

### ARCHITECT/ENGINEER SELECTION FOR THE LOW TEMPERATURE HOT WATER CONVERSION

**RESOLVED,** Affiliated Engineers of Chapel Hill, NC is approved for the performance of engineering services for the Low Temperature Hot Water Conversion project.

### II.B. DEMOLITION OF BUILDINGS AT THE IVY MOUNTAIN MUSCULOSKELETAL CENTER SITE

In March 2017, the Board of Visitors approved the Ivy Mountain Redevelopment Master Plan, which requires the demolition of two buildings on the site: the Kluge Children’s Rehabilitation Center (KCRC) and Commonwealth Court. Originally constructed in 1957 and situated on 12 acres, the KCRC previously served as a pediatric facility with a 23 inpatient unit and a large outpatient unit housing 22 different clinics. With the completion of the Battle Building in 2014, services provided at the KCRC were relocated to the UVA Children’s Hospital and the KCRC was closed. Commonwealth Court, a two-story motor court, was developed in the 1950s. Since closing in the 1970s, it has been used for various purposes including apartments, storage, and office space. In order to proceed with plans to fully develop the Ivy Mountain property, the University recommends the demolition of the KCRC and Commonwealth Court structures.

**ACTION REQUIRED:** Approval by the Buildings and Grounds Committee and by the Board of Visitors

### DEMOLITION OF KLUGE CHILDREN’S REHABILITATION CENTER AND COMMONWEALTH COURT AT THE IVY MOUNTAIN MUSCULOSKELETAL CENTER SITE

**WHEREAS,** intensive future development of the Ivy Mountain property will require the demolition of Kluge Children’s Rehabilitation Center (Facility #1600) and Commonwealth Court (Facility #1626); and
WHEREAS, pursuant to the Management Agreement, dated November 15, 2005, by and between the Commonwealth of Virginia and The Rector and Visitors of the University of Virginia, the Board of Visitors is authorized to approve the demolition of buildings;

RESOLVED, the demolition of Kluge Children’s Rehabilitation Center (Facility #1600) and Commonwealth Court (Facility #1626) is approved by the Board of Visitors, pending approval by the Art and Architectural Review Board and the Department of Historic Resources and in compliance with such general laws as may be applicable; and

RESOLVED FURTHER, the Executive Vice President and Chief Operating Officer is authorized, on behalf of the University, to approve and execute such documents and to take such other actions as deemed necessary and appropriate in connection with the demolition of the buildings; and

RESOLVED FURTHER, all prior acts performed by the Executive Vice President and Chief Operating Officer, and other officers and agents of the University, in connection with this demolition, are in all respects approved, ratified, and confirmed.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 7, 2017

COMMITTEE: Buildings and Grounds

AGENDA ITEM: III.A. Revision to the Capital Program: Student Health and Wellness Center, Revised Scope

BACKGROUND: The Board of Visitors approves major capital projects with the update of the Capital Program most recently approved in June 2017. The Student Health and Wellness Center was originally approved in June 2016 as a 100,000 GSF facility. Planning efforts and programming studies have resulted in a recommendation to enlarge the scope to 160,000 GSF at an estimated project cost of $100.0 million.

DISCUSSION: The University recommends the following revision to the multi-year capital program:

<table>
<thead>
<tr>
<th>Student Health and Wellness Center</th>
<th>Gifts</th>
<th>$50.0 million</th>
</tr>
</thead>
<tbody>
<tr>
<td>(revised scope)</td>
<td>University Sources</td>
<td>$50.0 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$100.0 million</td>
</tr>
</tbody>
</table>

The University’s Student Health Center is a fully-accredited health care facility that provides high-quality confidential health care and services necessary to assist students in matriculating without interruption in five core areas: general medicine; counseling and psychological services; health promotion; gynecology; and the Student Disability Access Center. The proposed additional scope will allow the Student Health and Wellness Center to meet projected needs through 2030; maximize the buildable site; and accommodate synergistic programs in high demand in this new residential area.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee and by the Board of Visitors

REVISION TO THE CAPITAL PROGRAM – STUDENT HEALTH AND WELLNESS CENTER, REVISED SCOPE

WHEREAS, the University recommends a revision in the scope for the Student Health and Wellness Center from 100,000 gross square feet to 160,000 gross square feet;

RESOLVED, the Board of Visitors approves the expanded scope of the Student Health and Wellness Center to the University's Capital Program.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 7, 2017

COMMITTEE: Buildings and Grounds

AGENDA ITEM: III.B.1. Concept, Site, and Design Guidelines: McIntire School of Commerce Academic Facility

BACKGROUND: The University proposes the construction of a facility to accommodate the growing space needs of the McIntire School of Commerce. Cobb Hall, located to the east of Rouss-Robertson, provides a nearby location that will allow McIntire to preserve a sense of identity, community, and continuity for students, faculty, and staff. In order to make Cobb Hall available for reassignment to the McIntire School, 100 faculty and staff associated with the School of Medicine who currently occupy Cobb Hall must be relocated.

The proposed project will renovate the entrance wing of Cobb Hall facing Hospital Drive, demolish a portion of the original structure and the 1931 addition that faces Jefferson Park Avenue, and construct a new addition. New landscaping will connect Cobb Hall and Rouss-Robertson, and will improve the pedestrian and vehicular experience along Ruppel Drive.

It is anticipated that the new, multi-story addition and renovation will total approximately 105,000 GSF, adding to the McIntire School’s existing 163,000 GSF in Rouss-Robertson. The proposed addition will be located on the south-side of the remaining north wing of Cobb Hall at the intersection of Ruppel Drive and Jefferson Park Avenue. The design of the new addition will draw upon the architectural language of Rouss-Robertson and Cobb Hall to inform the material palette, proportion, scale, and massing.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the new McIntire Academic Facility. Ms. Raucher will review the guidelines with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE MCINTIRE SCHOOL OF COMMERCE ACADEMIC FACILITY

RESOLVED, the concept, site, and design guidelines for the McIntire School of Commerce Academic Facility, prepared by the Architect for the University, are approved.
The McIntire School of Commerce Expansion
Concept, Site, and Design Guidelines

A) Proposed Project Concept
The McIntire School has a long-term plan for purposeful growth. Expanding current graduate and executive programs, developing research and study centers, enhancing the portfolio of undergraduate programs, and adding new graduate programs will maintain the school’s current stature and competitive advantage. Following a space needs assessment conducted in 2014, the existing facilities were optimized and renovated to accommodate the growing demand for student study, collaboration, and faculty offices. Some staff have had to be relocated to leased space away from Grounds. Based on an updated space needs analysis completed in the summer of 2017, the McIntire School estimates that it needs approximately 105,000 GSF, in addition to its existing 163,000 GSF at Rouss-Robertson. The proposed new space includes classroom and lab spaces, faculty and staff offices, research space, formal and informal gathering areas, and event space.

The ideal expansion location is the site of Cobb Hall, located across from Rouss and Robertson Halls. This location allows for expansion while preserving the sense of continuity, community, and identity essential to the McIntire School. Cobb Hall was completed in 1917 as a laboratory building with funds donated by John Blackwell Cobb. Scientific research has evolved since then and the building no longer supports those activities. A wing along Jefferson Park Avenue was added in 1931. The 2006 UVA Historic Framework Plan ranked the building as important to the history and character of the University. It notes that the exterior of the original building is substantially intact, but the interior has been seriously compromised. The 1931 addition is not considered to have historic significance and the structural system makes it a challenge to renovate. The proposed project will preserve the northern portion of Cobb Hall, facing Hospital Drive. The rear potion of the building will be removed to make way for an addition that will have a visual connection to the McIntire School and establish a welcoming entry from Jefferson Park Avenue. The project will also improve connectivity, access, and safety on Ruppel Drive.

B) Siting Criteria
The University of Virginia general siting criteria for all new facilities include the following components. Those highlighted are the most pertinent in determining the siting recommendation.

- Conforms with overall land use plan and district/area plans.
- Reinforces functional relationships with other components of the same department or program, and is compatible with other neighboring uses.
- Satisfies access requirements – pedestrian, bicycle, vehicular and service.
- Maximizes infill opportunities to utilize land resources and existing infrastructure.
- Minimizes site development costs, including extension of utilities, access, loss of parking, mass grading, etc.
• Minimizes opportunity cost; i.e., value of this use and size versus other alternatives.
• **Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.**
• Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, stormwater management, etc.
• **Avoids unnecessary environmental impacts, including significant tree removal or filling of existing stream valleys.**
• Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
• Minimizes time for implementation of project.

C) **Proposed Site**  
Located at the intersection of Ruppel Drive and Jefferson Park Avenue, Cobb Hall is located across from Rouss-Robertson Hall, the current home of the McIntire School.

![Proposed Location on Grounds](image_url)
Cobb Hall area to be demolished and replaced with proposed addition

Cobb Hall. North elevation. Circa 1925
Cobb Hall. Northwest elevation. Circa 1925

Cobb Hall, West elevation, Circa 2017
D) Design Guidelines

Site Planning
- Building footprint to consider entrances from the direction of Hospital Drive, Ruppel Drive, and Jefferson Park Avenue.
- Site to consider and improve pedestrian and vehicular access, circulation, and safety on Jefferson Park Avenue and Ruppel Drive.
- The area between Rouss-Robertson and Cobb Halls should be considered as a unifying site feature that improves existing access and allows seamless connections between buildings.

Stormwater
- Address stormwater quality and quantity requirements on site.

Circulation and Parking
- Allow for sufficient and safe pedestrian circulation between adjacent buildings on site.
- Provide adequate service, accessible drop-off, and parking for building occupants and visitors.
Architecture
− Develop massing, fenestration, and architectural details to establish a compatible relationship with the remaining portion of Cobb Hall and with nearby existing buildings.
− Develop roof form that is complementary and contextual with surrounding permanent structures.
− Utilize scale, massing, proportion, materials, and colors compatible with adjacent structures.
− Integrate basic tenets of sustainable design, and attain LEED Certification as a minimum level, with Silver level as a goal.

Landscape
− Entries to be designed to provide a safe and attractive pedestrian experience between buildings and from streets at all levels.
− Provide appropriate and safe levels of lighting in accordance with University standards.
− Provide landscape appropriate to Jefferson Park Avenue and Ruppel Drive intersection.
− Consider site greenspace and outdoor gathering spaces as available.

Review and Compliance
The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING:       December 7, 2017
COMMITTEE:           Buildings and Grounds
AGENDA ITEM:         III.B.2. Concept, Site, and Design Guidelines: Carr's Hill Historic Rehabilitation

BACKGROUND: The planned rehabilitation of the President’s House on Carr’s Hill will correct longstanding structural issues, modernize the building's systems and bathrooms, and enable the building to continue its dual role as a public facility for the University and a private residence for the president of the University. The addition, which will be approximately 5,500 GSF and located northeast of the President’s House and adjacent to Leake Cottage, will replace the tented terrace to create a year-round meeting and gathering space that will support the building's significant public function. Utility upgrades and minor preservation work will be undertaken on the outbuildings. The landscape to the north and east of the house will be redesigned to accommodate the addition.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the proposed rehabilitation of and addition to Carr's Hill. Ms. Raucher will review the guidelines with the Committee.

ACTION REQUIRED: Approval by the Buildings and Grounds Committee

CONCEPT, SITE, AND DESIGN GUIDELINES FOR THE CARR’S HILL HISTORIC REHABILITATION

RESOLVED, the concept, site, and design guidelines for the rehabilitation of Carr’s Hill, prepared by the Architect for the University, are approved.
A) Proposed Project Concept
The University of Virginia plans to rehabilitate the President’s House on Carr’s Hill and to construct an addition to the house. Utility service to the adjacent outbuildings will be improved, and the landscape to the north and east of the house will be redesigned to accommodate the addition. The addition, approximately 5,500 GSF, will be located northeast of the President’s House, adjacent to Leake Cottage.

B) Siting Criteria
The University of Virginia general siting criteria for all new facilities include the following components. Those highlighted are the most pertinent in determining the siting recommendation for the Carr’s Hill rehabilitation and addition.

- Conforms to overall land use plan and district/area plans.
- Reinforces functional relationships with other components of the same department or program, and is compatible with other neighboring uses.
- Satisfies access requirements - pedestrian, bicycle, vehicular, and service.
- Maximizes infill opportunities to utilize land resources and existing infrastructure.
- Minimizes site development costs, including extension of utilities, access, loss of parking, mass grading, etc.
- Minimizes opportunity cost; i.e., value of this use and size versus other alternatives.
- Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.
- Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, stormwater management, etc.
- Avoids unnecessary environmental impacts, including significant tree removal or filling of existing stream valleys.
- Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
- Minimizes time for implementation of project.

C) Proposed Site
Adjacent to the President’s House and to Leake Cottage, this building site offers a convenient location for activities that support the public function of the house. The adjacent properties are vernacular 19th- and early 20th-century structures that also support the operations of the house.
Proposed Site in context with Central Grounds

Proposed Addition Site
View of President’s House Façade

View of proposed site from lawn in front of Fayerweather Hall
View of addition site from southeast

View of proposed addition site from the north
View of Leake Cottage from the east

Guest House
Garage

Buckingham Palace
D) Design Guidelines

Site Planning
− Building footprint to consider relationship among new building, the house, and adjacent structures.
− Site to consider east-west circulation around the house and north-south circulation through the site and to minimize the visibility of the new structure from the southeast.

Stormwater
− Address stormwater quality and quantity requirements onsite to the extent possible.

Circulation and Parking
− Allow for sufficient and safe circulation between buildings in the complex and for pedestrians passing through the site as appropriate.

Architecture
− Develop massing, fenestration, and architectural details to establish a deferential relationship with the house and a complementary relationship with the existing outbuildings.
− Develop roof form that is complementary and contextual with the surrounding structures.
− Utilize materials and colors compatible to adjacent structures.
− Integrate basic tenets of sustainable design, and attain LEED Certification as a minimum level.

Landscape
− New landscape to the north and to the east of the house to be developed to support both the public and the private residential activities of Carr’s Hill.
− Provide appropriate and safe levels of lighting in accordance with University standards.
− Provide appropriate landscape screening from adjacent buildings as needed.
− Provide ADA compliant routes through the site to the public entrances to the buildings.

Review and Compliance
The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.
UNIVERSITY OF VIRGINIA
BOARD OF VISITORS AGENDA ITEM SUMMARY

BOARD MEETING: December 7, 2017

COMMITTEE: Buildings and Grounds

AGENDA ITEM: IV. Schematic Design Review: Contemplative Sciences Center

ACTION REQUIRED: None

PROJECT BUDGET: $53.3 million

BACKGROUND: The Contemplative Sciences Center will act as a bridge for learning and research across all schools at the University of Virginia. Unlike most existing University facilities, the building is designed with the flexibility to support immersive, experiential, and participatory learning intended to promote well-being, as well as personal and intellectual understanding.

The building and its landscape will form an integrated complex of adaptable interior and exterior spaces. Centrally located at the intersection of the well-traveled walkway at the edge of the Dell pond and Emmet Street, the ground floor lobby will be the primary public entry. Along the upper Dell walk, an accessible bridge will run along the south side of the building providing entry to the third level. A new, accessible bridge will run east and west, connecting Contemplative Hall to the Curry School, to the West Grounds, and will safely span across Emmet Street to Brown College and the Central Grounds. At the heart of the building, a generous courtyard will provide respite from the street and frame a view of the Dell pond. Nearly every space in the building will enjoy the views of the landscape and the Dell pond. The courtyard will comfortably accommodate a range of activities from sizable receptions and performance events to small group gatherings and student study. Smaller terrace landscapes will be located on the upper levels of the building creating intimate views from within the building and inviting spaces for quiet reflection.

Unlike traditional classrooms on Grounds, the major learning spaces within the building will be designed with the flexibility to accommodate collaboration, active, contemplative, and other highly experiential modes of learning. These instructional spaces will have furnishings, equipment, and technology that can be configured to support a large variety of teaching and research methods. Research will be aimed at the study of human learning, development, and well-being. At the Sciences Center, research will occur within the labs, and also within the learning studios as well.

DISCUSSION: The design team led by Aidlin Darling Architects, in collaboration with the Architect for the University, representatives of the Contemplative Science Center, and other project advisors, has developed a schematic design. Ms. Raucher and David Germano, Director of the Contemplative Science Center, will review the design with the Committee.
Proposed Site Plan
BOARD MEETING: December 7, 2017

COMMITTEE: Buildings and Grounds

AGENDA ITEM: V. Committee Discussion: Softball Stadium at Lambeth Field

ACTION REQUIRED: None

BACKGROUND: The University proposes to construct a new softball stadium at historic Lambeth Field. The goal of the project is to create a compelling team and spectator experience that is contextually thoughtful of the existing colonnade while respecting the adjoining residential properties. A key programmatic component of the new venue is a flexible indoor practice facility that will enhance player development capacities. Other highlights of the space program include a home locker room, lounge/nutrition area, sports medicine room, team meeting rooms, home/visitor bullpens, laundry, and field maintenance. Ideally, coaching and support staff offices will be located on an upper-level of the facility, and a new press box will be located above the concourse that will accommodate the scoreboard system, replay booth, and spaces for TV, radio, and print media. Upgrades to the surrounding site will be necessary to better facilitate pedestrian and vehicular connections to the stadium.

DISCUSSION: The Office of the Architect has prepared the concept, site, and design guidelines for the proposed Softball Stadium at Lambeth Field. Ms. Raucher will review the guidelines with the Committee, and Head Coach Joanna Hardin will discuss her vision for softball and how the proposed new stadium will help contribute to the continued success of the program.
A) Proposed Project Concept
The University plans to construct a new softball stadium at Lambeth Field that will help recruit high quality student athletes and a larger fan base to the University's softball program, and will show that the University continues to strive for responsible planning and stewardship of its facilities to ensure the sustained success of the program.

B) Siting Criteria
The University of Virginia general siting criteria for all new facilities include the following components. Those highlighted are the most pertinent in determining the siting recommendation for the Softball Stadium at Lambeth Field.

- Conforms with overall land use plan and district/area plans.
- Reinforces functional relationships with other components of the same department or program, and is compatible with other neighboring uses.
- Satisfies access requirements - pedestrian, bicycle, vehicular, and service.
- Maximizes infill opportunities to utilize land resources and existing infrastructure.
- Minimizes site development costs, including extension of utilities, access, loss of parking, mass grading, etc.
- Minimizes opportunity cost; i.e., value of this use and size versus other alternatives.
- Provides a size that is adequate, but not excessive, for initial program, future expansion, and ancillary uses.
- Allows for incorporating sustainability principles in terms of solar orientation, reuse of historic structures, stormwater management, etc.
- Avoids unnecessary environmental impacts, including significant tree removal or filling of existing stream valleys.
- Allows site visibility and aesthetic character as appropriate for the intended use and for the neighborhood.
- Minimizes time for implementation of project.
C) Proposed Site
Adjacent to the Lambeth Colonnade, this building site offers an iconic setting for the stadium. Furthermore being immediately adjacent to the Goodwin Bridge allows for convenient pedestrian access to the main Athletics Precinct.

Proposed Softball Stadium Site

Rendering of Proposed Softball Stadium
Historic View of Lambeth Field and Colonnade during a football game

Historic view of Lambeth Field and Colonnade during track and field meet
D) Design Guidelines

Site Planning
- Building footprint to consider adjacent Arts Grounds view shed.
- Site to consider circulation, parking and future building locations.

Stormwater
- Address stormwater quality and quantity requirements onsite to the extent possible.

Circulation and Parking
- Allow for sufficient and safe circulation between adjacent buildings on site as appropriate.
- Provide adequate parking for building occupants.
- Accommodate pedestrian and bicycle access from Goodwin Bridge, Rugby Road, and Emmet Street.

Architecture
- Develop massing, fenestration, and architectural details to establish a compatible relationship to the adjacent Lambeth Colonnade.
- Develop roof form that is complementary and contextual surrounding permanent structures.
- Utilize materials and colors compatible to adjacent structures.
- Integrate basic tenets of sustainable design, and attain LEED Certification as a minimum level, with Silver level as a goal.

Landscape
- Entry to be designed to provide a safe and attractive pedestrian experience.
- Provide appropriate and safe levels of lighting in accordance with University standards.
- Provide appropriate screening and separation from adjacent Lambeth Residences.
- Consider site greenspace.

Review and Compliance
The Office of the Architect for the University is responsible for the review and approval of project compliance with these design guidelines.
WRITTEN REPORTS

Buildings and Grounds Committee
University of Virginia

December 7, 2017
Engaging Our Communities, Stewarding Resources, and Discovering Solutions for a Better Tomorrow

**Engage**

A UVA Sustainability Summit, held in the Rotunda Dome Room, featured flash talks by 20 faculty members and highlighted UVA’s leading global research and opportunities to use the Grounds as a living laboratory.

UVA’s Career Center is responding to student interest in more resources for sustainability-related careers, with a DC Sustainability Reception, events on careers in sustainable food, a sustainability careers webpage, and a sustainability careers newsletter.

Sustainability sessions were incorporated into Orientation Leader & Resident Assistant training. New Green Living Program and Green CIO & Course Guides were developed.

UVA Sustainability partnered with the Food Collaborative, UVA Dining, the Charlottesville Food Justice Network, and others in a Food Film Forum. Panelists reflected on work to expand local food access.

The Association for the Advancement of Sustainability in Higher Education named UVA as a Top Performer in Diversity and Affordability in their 2017 Sustainable Campus Index.

**Steward**

The Rotunda achieved LEED Silver certification. Sustainability highlights include an efficient HVAC system, tighter window sealing, LED lighting, and a high construction waste diversion rate. Other recent LEED certifications: Skipwith Hall - LEED Gold and Education Resource Center - LEED Silver.

UVA was listed in the 2017 Princeton Review Green Schools and Sierra Club Cool Schools lists.

The UVA Renewable Energy Tracker, a tool to help students, faculty, staff and the community stay up to date on the University’s progress towards a robust renewable energy portfolio, is now live. Real-time data for UVA’s rooftop solar can be viewed here: https://renewableenergy.fm.virginia.edu

The Green Labs program was awarded an Honorable Mention in the inaugural North American Freezer Challenge. The program also conducted UVA’s first Shut the Sash competition to incentivize safe, smart, and sustainable practices when using fume hoods.

UVA Dining earned Green Restaurant Association 3-Star Certification for the Fresh Food Company and the O’Hill Dining Room.

The UVA Health System was awarded a Healthy Community Leader Award by the Local Food Hub.

**Discover**

UVA’s nitrogen footprint team received a prestigious Campus Sustainability Research Award from the Association for the Advancement of Sustainability for “The Nitrogen Footprint Tool Network: A Multi-Institution Program to Research and Reduce Nitrogen Pollution.”

Six new sustainability-related courses in six different departments are being offered in Spring 2018 thanks to Course Development Fellowships made possible by Sustainability Plan funding. Courses include Smart Cities, The Ethics of Food, and Corporate Resilience.

Eight Research Development Grant recipients (Sustainability Plan funding) presented and discussed their findings at a “Grounds as a Living Lab” Sustainability Symposium at the Colonnade Club during UVA Sustainability Days.

UVA Environmental Sciences completed the first institutional indirect water footprint analysis, published in Sustainability: The Journal of Record - “Virtual Water as a Metric for Institutional Sustainability.” (Natyzzak, Castner, D’Odorico, Galloway)

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University of Virginia

O'NEIL HALL RENOVATION
POST OCCUPANCY EVALUATION

Background

The goal of the O'Neil Hall renovation project was to preserve the building's historic architecture while also providing updated office space for a variety of administrative departments. The building was originally constructed in 1924 as faculty apartments, and is a Jeffersonian style structure designed by Fiske Kimball, head of the Department of Art and Architecture at the time. The renovation, done by Glave & Holmes Architecture, preserved the apartment floor-plans while creating a LEED Silver Certified office building.

Information on the O'Neil Hall renovation was gathered using a web-based survey distributed to all staff and building occupants, interviews with Office of the Architect and O'Neil Hall staff, and a Facilities Management Assessment.

Key Findings and Recommended Actions

Survey results show that 97% of respondents have an overall positive impression of the building. 92% of respondents reported that their work needs are successfully met by the new office spaces. Participants also provided an overall positive assessment of the conference rooms, outdoor spaces, common spaces, furniture, and updates to the building landscape. Many occupants commented that they greatly enjoy working in O'Neil Hall.

"I am very proud to have visitors come to O'Neil Hall. I think it is a great example of a restoration project that has incorporated good technology without diminishing the charm" - O'Neil Hall Occupant

FINDING: The outdoor gathering spaces by the building's back entrance are, for the most part, positively received. However, 29% of respondents noted a lack of shaded tables, which does not make the area as welcoming in the hot summer months. In addition, several occupants commented that there is no space in their office areas for casual gatherings and lunches with co-workers.

ACTION: The addition of more tables with umbrellas for shade would make the outdoor area more attractive for occupants. It would also then provide a comfortable space for co-workers to eat lunch together.

FINDING: Building directional signage is confusing to visitors attempting to find specific offices and restrooms. The second and third floors signs show directional arrows that misdirect people looking for the restrooms.

ACTION: It is recommended that the signs with directional arrows to the restrooms be corrected to reflect the restroom locations.

FINDING: Occupants reported problems with the temperature in O'Neil Hall, referencing uncomfortably cold temperatures year round. 19% of survey respondents expressed dissatisfaction with their office temperatures, 11% dissatisfaction with conference rooms temperatures, and 17% dissatisfaction with restroom temperatures. Specifically the offices on the west side of the building tended to be colder in the winter. 28% of respondents reported that office temperatures negatively impacted their use of the space.

ACTION: Since occupation of the building, storm windows have been installed, which should help keep the building warmer in the winter months. In addition, space heaters have been approved in several offices. Continued temperature monitoring is recommended, specifically in the summer, in order to find a more comfortable temperature for building occupants.

FINDING: The Conference Rooms received an overall positive rating, however there appear to be a few recurring issues. Occupants sometimes have a hard time finding private meeting spaces. Users also reported difficulty connecting with the conference room screens on occasion.

ACTION: Where possible, future office space design should include informal break-out spaces for times when all Conference Rooms are reserved. Occupants will continue to work with tech support for connection issues.
University of Virginia

SKIPWITH HALL
POST OCCUPANCY EVALUATION

Background

Completed in January 2016, Skipwith Hall is located in the Facilities Management complex along McCormick Road and houses open office areas for Facilities Management administrative staff as well as several enclosed offices, four conference rooms and two small kitchenettes. The building is meant to provide maximum flexibility and use of natural light with highly efficient, sustainable features, and replaces the old Facilities Management Garage buildings and the “FM Annex” Modular Unit.

Information for the Skipwith Hall project was gathered through meetings with Facilities Management staff, a Facilities Maintenance assessment, and a web-based survey distributed to building users.

Key Findings and Recommended Actions

Survey results show that 100% of Skipwith Hall occupants gave the building an overall positive assessment. 87% are satisfied with their work space, 86% are satisfied with the size of their work space and 57% were satisfied with its flexibility. 100% positively assessed the conference rooms. A clear majority of occupants view the natural and interior lighting positively. 52% prefer the current, vacancy control lighting system setting (manually turning lights on) to its previous occupancy control setting (motion sensing).

93% of staff surveyed gave their office furniture a positive assessment. A 61% majority use the sit-to-stand option on their desks, and 33% report that their use of this option has increased in the last year.

**FINDING:** Acoustics emerged as the primary area for improvement. 35% of private office occupants and 54% of open office occupants expressed dissatisfaction with acoustics and sound privacy. Staff indicated that while they generally like the building and appreciate the ability to collaborate with the rest of their work team, 36% find that the noise generated in an open office work space decreases their productivity. 18% believed that the open office environment increased their productivity.

**ACTION:** For future projects employing open office arrangements, smaller team breakout rooms and “phone booth” spaces are recommended to reduce sound volume in the open space and allow for spontaneous small group meetings not covered by reserveable conference rooms. Breakout rooms will also provide space for small meetings and interactions requiring confidentiality. Private offices could be provided for staff who require a high level of quiet concentration and confidentiality.

**FINDING:** Temperature satisfaction ratings are inconsistent between open and private office occupants, with 25% of Main Level and 17% of Lower Level open office occupants expressing dissatisfaction with temperature vs. 11% of Main Level and 0 Lower Level private office occupants. Users expressed dissatisfaction with temperatures in conference rooms on both levels, reporting 31% dissatisfaction with Lower Level conference rooms and 23% dissatisfaction with Main Level conference rooms. Staff observe that in both instances, office and conference spaces are often too cold.

**ACTION:** The thermal comfort verification credit for the U.S. Green Building Council’s LEED certification program stipulates that a corrective action plan be developed if more than 20% of the occupants are dissatisfied with the building’s thermal comfort. While only 7% of users expressed dissatisfaction with temperatures in the building as a whole, 17-25% of open office occupants are dissatisfied with temperatures in their workspaces. Facilities Management will invite the original design team back to investigate comfort issues with the affected occupants and recommend corrective actions.

**FINDING:** Survey results indicate that 71% of building occupants use the outdoor space around Skipwith Hall for work as well as socializing and eating lunch. However, 36% are dissatisfied with the amount of available shade in these areas. There is little to no shade on many sides and umbrellas were not included in the project furnishings.

**ACTION:** Because staff use the outdoor spaces so frequently, umbrellas would be a wise investment. Their addition would greatly improve staff experience and would likely increase use of these spaces.