

NC State Members

Steven Arndt, MBA

North Carolina State University
-Associate Vice Chancellor
Facilities Division

Cameron Smith, PE, LEED AP

North Carolina State University
-Director, Capital Project
Management

Andy Snead, PE

North Carolina State University
-Director, Design & Construction
Services

Lisa Johnson, RA

North Carolina State University
-University Architect

Shon Burch-Crispin, MBA, CPM

North Carolina State University
-Capital Projects Program Manager

External Members

**Renee' Jones, Sr. Regional
Diversity Director (Southeast)**

-Skanska

Jonathan Locklear, PE

Vice President

-Locklear, Locklear and Jacobs, PLLC.

**Tammie Hall, Sr. Regional Supplier,
Diversity Director**

-Lend Lease

Victor Vines, AIA, Founding

Principal

-Vines Architecture

**Bonnie Trip Simmons, CPM
Management Engineer II**

-NC Department of Transportation

<http://ncsu.edu/facilities/hub/>

Wolf Works

NC State University HUB Newsletter

Capital Project Management

April 19, 2016

*Message from Steve Arndt, Associate Vice Chancellor
Facilities Division*



We are pleased to announce that the Program Manager/HUB Coordinator position has been filled and placed in the most capable hands of Shon Burch-Crispin. Shon initially served as the Facilities Operations Accounting Manager for Business Services. She has a sixteen-year career in financial management and capital project operations for North Carolina-based universities, luxury hotels and conference centers. Shon earned her bachelor's degree from NC A&T State University in Greensboro, and a MBA from Strayer University.

We welcome Shon as the new CPM Program Manager and HUB Coordinator. Please take some time to visit Shon at Admin III and welcome her to Capital Project Management.

With the passing of the Bond Referendum, EB Oval and Plant Sciences projects are proceeding. Other Facilities' projects underway are the Gregg Museum, the Reynolds Renovation, the Carmichael Gym Locker Room Renovation, the Harrelson Hall Demolition, Case Commons and CCUP Expansion. You can soon follow the progress of ongoing Facilities construction projects through an upcoming online news bulletin, The Tower Quarterly. To be placed on the Tower email list, email Patty Hickman at: pjhickma@ncsu and ask to be added to the Tower Quarterly database.

This should be another exciting and productive year here at NC State, with many opportunities to participate on the design and construction of various projects.

Sincerely,
Steven Arndt, Associate Vice Chancellor
Facilities Division

*Message from Shon Burch-Crispin, Capital Projects Program Manager
Capital Project Management*



Greetings,

Welcome to the Spring 2016 edition of Wolf Works. Spring has sprung and we have been busy and looking forward to more buildings to be built and renovations to be mastered. As the new HUB Advisory Committee Chair and HUB Coordinator for NC State University, I am excited about the opportunity to reach out to the HUB community to provide information on the opportunities to participate in NC State University's Construction, Design and Maintenance projects. Capital Project Management continues to be busy expanding and renovating the campus community.

The NC State University HUB program has been promoted throughout various events in the area, to include: the Statewide Industry Kickoff Meeting, February 6, 2016, the HUB Coordinators Meeting, February 19, 2016, the HUB Networking and Matchmaking Event, March 24, 2016, and several meetings with HUB owners. To further promote the NC State University HUB Program, I look forward to meeting with subcontractors, contractors and other universities at the UNC System Triad Coalition 2016 Event, May 17, 2016, in Greensboro, NC. Please do not hesitate to contact me if you have questions about our projects, know someone that would benefit from information about the HUB program or need assistance with the HUB certification process to participate in North Carolina State University projects.

Sincerely,
Shon Burch-Crispin, MBA, CPM

NEW HUB ADVISORY COMMITTEE MEMBER AND CHAIR



NC STATE UNIVERSITY

Shon Burch-Crispin, MBA, CPM - Capital Project Program Manager/HUB Coordinator

Shon Burch-Crispin is the Capital Project Program Manager (CPPM)/HUB Coordinator for the NC State University Capital Project Management Division. She has a sixteen-year career in financial management and capital project operations. Mrs. Burch-Crispin initially served as the Facilities Operations Accounting Manager for Business Services.

She has worked in Accounting and Finance at UNC Chapel Hill/UNC Healthcare and for North Carolina-based universities, luxury hotels and conference centers. Her long-held commitment to capital project management provided exposure to capital projects building and maintenance, renovations and financial and business operations processes leading to her career with NC State University Capital Project Management. She is available for educating staff, designers, contractors and CMRs on the importance of HUB participation and capital project contract procedures.

A Raleigh, North Carolina native, Mrs. Burch-Crispin earned her bachelor's degree from North Carolina A&T State University in Greensboro and a Master of Business Administration (MBA) from Strayer University. She is a Certified Public Manager (CPM), A Notary Public and member of Delta Sigma Theta Sorority, Inc., where she serves as an Officer and Executive Board member of the Raleigh Alumnae Chapter. She is a former member of Hospitality Financial and Technical Professionals (HFTP) and the Association of Social and Behavioral Scientists, Inc.

In her volunteer time, she volunteers with The Sisters Inspiring Sisters Inc. (SISI) Cancer Foundation and at various local fundraising and community events in North Carolina. She has done volunteer work with The Encouraging Place, Habitat for Humanity and The Food Bank of NC.

NEW HUB ADVISORY COMMITTEE MEMBER



VINES ARCHITECTURE

Victor Vines, AIA - Founding Principal - Vines Architecture

Founding his practice in North Carolina in 2008, Victor Vines has spent the last eighteen years producing design work in the South Atlantic region by inspiring clients, colleagues, himself and the studio of Vines Architecture to do their very best work. As President of Vines Architecture, Victor Vines has been responsible for the management and direction of a vast number of architectural and special projects. Victor infuses over 25 years of outstanding accomplishments and contributions to the firm. His design portfolio ranges from libraries, museum and cultural institutions, educational/university facilities to large-scale urban projects with a particular focus on “visitor based” design solutions that inspire. Within his portfolio are the AIA award winning NC A&T State University School of Education, the AIA award winning Harvey B. Gantt Center for African American Arts & Culture and the Programming and Planning of the Smithsonian Institution National Museum of African American History and Culture. During his career Victor Vines has worked closely with his design partners contributing to projects receiving over sixteen AIA design awards (regional, state and local) and has led and directed over forty projects over a thirteen-year period with flagship public clients.

Vines is a LEED Accredited Professional (LEED®AP) in the studio and has directed the design of over 700,000 square feet of LEED certified, environmentally sensitive, and high performance buildings. Although Victor Vines is ultimately responsible for guaranteeing the success of the practice, he is known for his very hands-on project involvement; deliberate efforts to share his knowledge with firm members, students, interns, and clients; and an intense collaboration with other associate firms and highly accomplished specialty consultants such as Buro Happold, HLB Lighting, Silman Associates and Andropogon. His style of “comfortable vulnerability” and approach is to actively participate in each project with the community and stakeholders to assure the overall client needs and project requirements are achieved at the highest level. This responsibility resides from the pre-design and conceptual phases through project close-out with a heavy emphasis on client/project development and unquestionable commitment to his design partner through the execution of the firm’s work.

Across an incredible array of environments, building types, scales, visual expressions, colleagues and human circumstances, Vines’ career illustrates that Architecture is a full-bodied calling. He shows us that as Vines Architecture continues to emerge, it demands our best humanity, intellect, tenacity and commitment.

NEW HUB ADVISORY COMMITTEE MEMBER



Tammie Hall, Sr. Regional Supplier Diversity Manager - Lend Lease

Tammie Hall, CCA joined Lend Lease as the Senior Regional Supplier Diversity Manager. She has a background in Business with a focus in finance and community relations.

At Lend Lease, Tammie serves as a resource and expert on Minority, Women-Owned, Small and Local Business Program research and development. She helps to create innovative and unique programs that are designed to make a powerful impact and significant contributions in the communities in which we conduct business. Tammie also raises awareness of the relevance of creating procurement opportunities for diverse businesses while promoting initiatives to make the bidding process and award possibilities more accessible. She works closely with Lend Lease offices in California, North Carolina, DC and Florida.

Tammie previously worked as a Senior Administrator for MWBE Programs for Guilford County Schools and the largest school district in North Carolina, Wake County Public School System serving as the liaison to diverse businesses, state and local government including city/county staff and elected officials. Other experience includes serving as Director of MWBE Programs at North Carolina Central University and Regional Director for United States Senator, Tim Hutchinson.

Over the years, Tammie has received a number of awards and accolades. Namely, Triangle Business Journal Leaders in Diversity Award, Statewide Minority Enterprise Development (MED) Week Champion, Diversity Advocate of the Year City of Durham, Excellence in Leadership (Triangle MED Week) and the Appreciation of Service Award (United Minority Contractors of NC).

In her volunteer time, Tammie is the President of the NC MWBE Coordinators Network, serves as a board member at the Global Scholars Academy, Co-Chair of Union Baptist Education Committee and an avid supporter of her alma mater, University of Arkansas at Pine Bluff where she was recently elected President for The National Alumni Association serving a two year term.

NEW HUB ADVISORY COMMITTEE MEMBER



Bonnie Tripp Simmons, CPM - Management Engineer II - NC Department of Transportation

Bonnie Tripp Simmons, CPM is a Management Engineer II with the Facilities Management Division of The North Carolina Department of Transportation. Mrs. Tripp Simmons brings a record of exceptional leadership and strategic vision with over 26 years in the Transportation Industry. A calculated risk-taker with deep industry knowledge, Mrs. Tripp Simmons has built a reputation for getting things done. Her professional and civic engagement is a testament to her passion and her commitment to support women and minority-owned business. In her current position she oversees the facilities leases, land deals, and demo and abatements HUB program and janitorial contracts for the Department of Transportation.

Prior to her work with Facilities Management, Mrs. Tripp Simmons served in various positions with the Department of Transportation, including Management Engineer with Business Opportunity and Workforce Development Unit, Unit Head-Right of Way Unit and Sr. Agent with Right of Way Unit.

A North Carolina native, Mrs. Tripp Simmons earned her bachelor's degree from UNC@ Greensboro in Business Administration. She is a Certified Public Manager and a member of Delta Sigma Theta Sorority, Inc. She is a former member of the Women's Advocacy Partnership with the State of North Carolina Office of Personnel, National Association of Women in Transportation and Leadership Development Committee, and former board member United Minority Contractors of North Carolina. She has done voluntary work for the Women's Shelter of Raleigh and Women's Prison Enterprise.

LOOK AHEAD PROJECTS

Case Commons Residence Hall: This project construct a residential facility to house student athletes and the general student population on the Central Campus Precinct. The facility will provide approximately 62 beds, including resident advisors and accessible rooms. This project will move students from off campus housing facilities to a location in close proximity to athletic and academic facilities. The project also includes community space, study rooms, laundry, and a 24-hour desk. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$15,000,000**. Anticipated bid date is March 20, 2017. Project delivery method is CMAR (TA Loving).

Engineering Building Oval: New Engineering Building on the Oval between EB-1 and Hunt Library to house Civil, Environmental and Industrial Engineering Departments and Dean's Office. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$137,000,000**. Anticipated bid date is October 31, 2018. Project delivery method is CMAR (Skanska).

MRC Clean Room Renovation: The project will modify approximately 11,715 existing square feet to improve the controllability of space conditions for the first and second floor nano-fabrication cleanroom space in the MRC. Modifications to the HVAC systems and equipment will be made with regard to reliability, temperature, humidity control and capacity. Approximately 1,700 SF of new mechanical space will be constructed to house new HVAC equipment. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$7,900,000**. Anticipated bid date is September 16, 2016. Project delivery method is CMAR (DPR Construction).

Energy Performance Contracting #4: The project involves the expansion of the exiting boiler wing at the NC State Centennial Campus Utility Plant, along with the addition of a new Combined Heat and Power System. The project shall include, Remove existing duct-bank and manhole that interferes with the new building expansion. Convert the existing No. 6 fuel oil system to No. 2 fuel oil, including pump replacement at the existing pump and piping replacement to the building. This also includes the conversion of the 80,000 pph boiler to No. 2 fuel oil, add new 37,500 gallon fuel oil storage tank, remove existing 10,000 gallon fuel tank and turn over to NC State, extend the building services to the new addition – HVAC, lighting, fire protection, water and sanitary, etc, pre-purchase and install new CHP equipment including Combustion Turbine Generator, Duct-burner, Heat Recovery Steam Generator, Natural Gas Compressor and associated coolers and ventilation equipment, install new controls systems for new equipment, reconfigure existing TAC controls to interface with the plant control system, install new platforms and catwalks as required to access the new equipment and install new transformers, pads, and switches on the west side of the building. Add new duct-bank and feeders as required. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$18,200,000**. Anticipated bid date is January 10, 2017. Project delivery method is CMAR (DPR Construction).

Famers Market Park & Ride Lot: This project will modify the existing south side surface parking lot at the State Farmers Market along Centennial Parkway in Raleigh, NC, proximate to the NCSU Centennial Campus for a weekday park-and-ride facility. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$998,000**. Anticipated bid date is April 19, 2016. Project delivery method is GC Single-Prime .

CVM 3B Lab Renovation: This project will renovate the CVM Main Building Research Lab module 3B to accommodate discipline clustering in a more open and flexible layout. Renovations include wet lab renovation and write-up computational support areas with finish, building system, and casework upgrades. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$3,000,000**. Anticipated bid date is June 10, 2016. Project delivery method is GC Single-Prime .

LOOK AHEAD PROJECTS (cont.)

CC Thermal Utilities & Infrastructure: This project will extend thermal utilities to the Monteith Research Center, College of Textiles, and the Textiles Innovation Center, which will provide utilities to heat, cool, and meet process needs. The first phase brings permanent CW to the CTI building. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$12,350,000**. Anticipated bid date is July 14, 2016. Project delivery method is GC Single-Prime.

Patterson Hall Business Center Renovation: This project will renovate the ground floor of Patterson Hall to accommodate the programmatic needs of the CALS Business Office. The floor plan will be revised and existing HVAC, electrical, fire alarm and lighting systems will be upgraded. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,400,000**. Anticipated bid date is August 8, 2016. Project delivery method is GC Single-Prime.

Varsity Research Building Renovations - Phase 1: This project renovates approximately 15,380 gross square feet of space in the VRB to accommodate office and lab requirements for Plant Pathology. The project will convert office space in Modules 4 & 5 into a mix of office and lab space. Portions of the lab space in Modules 2 & 3 will also be renovated. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$2,900,000**. Anticipated bid date is March 30, 2017. Project delivery method is GC Single-Prime.

DH Hill Accessibility & Elevator Improvements: The existing north tower elevator is located in the DH Hill Old Bookstacks adjacent to the Erdahl Cloyd Wing with non-aligning floors. All current stops are within the Old Bookstacks. This project will modify the cab and the structural system to carry additional loads of extended elevator service. This change will provide an improved accessible route to access the Erdahl Cloyd Wing with a new elevator stop. The elevator well will be modified to install a new hydraulic jack assembly in addition to upgrading the microprocessor-based signal control system. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$700,000**. Anticipated bid date is August 1, 2016. Project delivery method is GC Single-Prime.

ES King Village Roof Replacements: This phased project will add sloped roof structures to the existing ESKing Village residential buildings. The project will involve rework of exhaust, plumbing vents, and HVAC vents. This project includes design for all seventeen residential buildings through SD and roof replacement for 4 of those buildings. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,000,000**. Anticipated bid date is August 8, 2016. Project delivery method is GC Single-Prime.

North Carolina State University

www.ncsu.edu/facilities/advertisements/

The University of North Carolina System

<http://www.northcarolina.edu/apps/finance/vendors/opportunities.htm>

Shon Burch-Crispin, MBA, CPM

CPPM/HUB Coordinator

Capital Project Management

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Fax: 919-515-4253

Email: slburch@ncsu.edu

North Carolina State

University HUB Program

Information and current

Solicitations:

[https://facilities.ofa.ncsu.edu/?](https://facilities.ofa.ncsu.edu/?s=HUB&submit=Search)

[s=HUB&submit=Search](https://facilities.ofa.ncsu.edu/?s=HUB&submit=Search)

Interactive Purchasing System (IPS): NC

State University Repair and Renovation

Solicitations:

[https://www.ips.state.nc.us/ips/BidList.aspx?](https://www.ips.state.nc.us/ips/BidList.aspx?x=3+l/X3b+Z6HYVoph/)

[x=3+l/X3b+Z6HYVoph/](https://www.ips.state.nc.us/ips/BidList.aspx?x=3+l/X3b+Z6HYVoph/)

[c173UoiRYeRE43bYeAaOfC2eslZZ5Yi/d9/](https://www.ips.state.nc.us/ips/BidList.aspx?x=3+l/X3b+Z6HYVoph/c173UoiRYeRE43bYeAaOfC2eslZZ5Yi/d9/)

[GFiMoAIRUkqIHtkc+gwh3r5eY+u6g9SKfw==](https://www.ips.state.nc.us/ips/BidList.aspx?x=3+l/X3b+Z6HYVoph/c173UoiRYeRE43bYeAaOfC2eslZZ5Yi/d9/GFiMoAIRUkqIHtkc+gwh3r5eY+u6g9SKfw==)

If you are interested in strengthening your business, listed below is information about companies interested in helping minority, women and small businesses to grow their business.

Self-Help

301 West Main Street

Durham, NC 27701

(919) 956-4400

www.self-help.org

United Minority Contractors of NC

5 West Hargett Street, Suite 309

Raleigh, NC 27601

(919) 834-1211

www.umcnc.org

The North Carolina Institute of Minority Economic Development

114 W. Parrish St.

Durham, NC 27701

(919) 956-8889

www.ncimed.com

Hispanic Contractors Association of the Carolinas

226 Westinghouse Blvd.

Charlotte, NC 29708

(704) 583-4184

www.hccarolinas.org

NC Indian Economic Development Initiative, Inc.

5800 Farrington Place

Raleigh, NC 27609

(919) 232-9414

www.ncindian.com

Office for Historically Underutilized Businesses (HUB)

116 West Jones Street

Raleigh, NC 27699-1336

(919) 807-2330

www.doa.nc.gov/hub