

NC State Members

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-University Architect

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-NC Department of Administration: HUB
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-Vines Architecture

Shelley McPhatter, President/Owner

-BridgePoint General Contracting & Con-
struction Services

Andre Johnson, AIA, NCRB

-Andre Johnson Architect

Dan Stafford, Project Director

-The Institute: NCIMED-MBDA Business
Center

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

Wolf Works

NC State University HUB Newsletter

Capital Project Management (Summer 2018 Edition)

June 28, 2018

The 2017-2018 fiscal year is coming to a close and we are gearing up for the new fiscal year beginning July 1, 2018. Much has been accomplished this fiscal year in CPM and in the HUB Program. Our bond projects are moving along and the Mentor Protégé programs are well underway. Several projects have been completed and many are to be completed by the end of December, 2018. HUB participation continues to meet and/or exceed HUB goal levels. In March, 2018, the NCSU HUB Program was honored at the 37th Annual State Construction Conference with the Award For Excellence: HUB Advocate of the Year. This fiscal year brought several opportunities for outreach, networking, and meet and greet events throughout the construction community.

As we transition into the next fiscal year, we look forward to continuing to support the HUB community, area diversity efforts, and to participate in outreach and networking opportunities. Internally, the HUB program will focus on collaborating with our Facilities Construction Services division to provide information sessions on informal projects. We hope you enjoy this edition of the Wolf Works Newsletter.

Shon Burch-Crispin

Shon Burch-Crispin, MBA, CPM, CMD
Capital Projects Program Manager
Capital Project Management



**N.C. Department of Administration Office for
Historically Underutilized Businesses
"HUB Advocate" Award**

Shon Burch-Crispin
Capital Project Management

NCSU PROJECTS IN THE SPOTLIGHT

Monteith Research Center (MRC) Cleanroom Renovations (CMR)

Project Summary: The project is a modification to 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 were made with regard to reliability, temperature, humidity control and capacity. Approximately 1,700 SF of new mechanical space was constructed to house new HVAC equipment.

MBE Participation: 10.5% **Designer:** Clark Richardson & Biskup Consulting Engineers, Inc.

Construction Manager: DPR Construction **NCSU Design Project Manager:** David Hammock

NCSU Construction Project Manager: Jake Terrell

Project Construction Cost: \$6,425,811.62



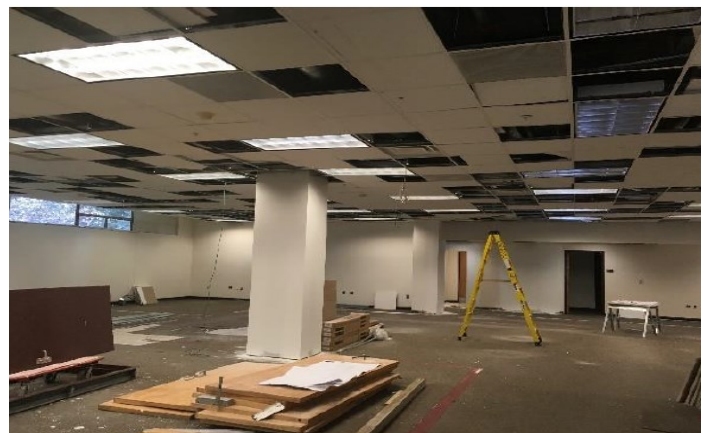
Harris Hall Student Services Center Renovation

Project Summary: This project renovates approximately 8000 square feet of Student Services space to create a "One-Stop Shop" in Harris Hall, consolidating Registration and Records, Financial Aid and Scholarships and the Cashier's Office. The project includes layout improvements, security installation, handicap accessibility upgrades, mechanical repairs and upgrades, and fire protection system modifications.

MBE Participation: 19.79% **Designer:** Lambert Architecture + Interiors **Construction Manager:** Riggs-Harrod Builders, Inc.

NCSU Design Project Manager: Lisa Keel **NCSU Construction Project Manager:** Rudy Lopez

Project Construction Cost: \$1,120,458.



NCSU PROJECTS IN THE SPOTLIGHT (CONT.)

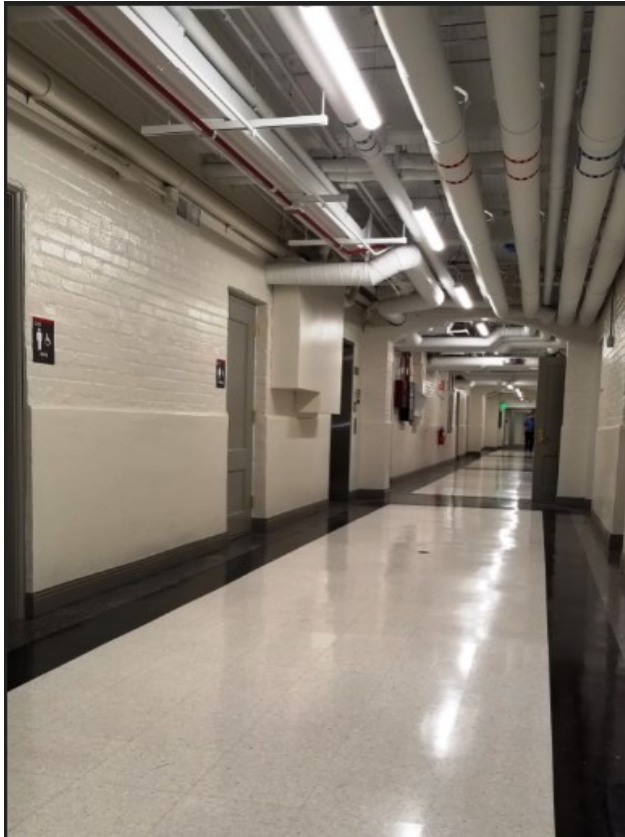
Patterson Hall Business Center Ground Floor Renovation

Project Summary: The project renovation is to 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.

MBE Participation: 31% Designer: IBI Group of NC

Construction Manager: Muter Construction (HUB) **NCSU Design Project Manager:** Bill Davis

NCSU Construction Project Manager: Eric Jaskolka **Project Construction Cost:** \$2,337,589.53



HUB FIRM SPOTLIGHT

		<p>PLASTERING~DRYWALL HARDCOAT~STUCCO~EIFS</p> <p>PO Box 906</p> <p>Morrisville, NC 27560</p> <p>919.414.2352 plaster41@gmail.com</p>
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Marcus Hawkins

Company Overview

Hawkins Plastering is a full service plastering company that provides hard coat, veneer and historical plastering and exterior stucco work. The company originated in Louisburg, NC, founded in the 1980's by the late Leonard Hawkins. In the last 20 years, son Marcus Hawkins, representing the third generation, has been working to continue the family plastering business.

Hawkins Plastering has been encouraging Architects and General Contractors to challenge the versatility of plaster by finding new and interesting uses for plaster.

NCSU Highlights

Project: **Owen Residence Hall.** 2016

Scope of work: Plaster patching in all dorm rooms

Project: **Tucker Residence Hall.** 2017

Scope of work: Plaster patching in all dorm rooms

Project: **Gregg Museum.** 2017

Scope of work: Plaster restoration.

Project: **Rick's Hall.** 2017

Scope of work: Plaster patching and restoring.

Project: **ES King. Phase 1-3.** 2016-2018

Scope of work: Stucco gables

EVENTS/OUTREACH



**Save
the
Date!**

June Quarterly Meeting



**June 29, 2018
NC State University
McKimmon Conference Center
Raleigh, NC 27606**



For those in need of a hotel stay,
please contact:

Registration is available here:

<https://bit.ly/2JANG88>

**Marriott Downtown
500 Fayetteville Street
Raleigh, NC 27601
919-833-1120**

**November 1-2 Annual Conference
UNC Greensboro**



UPCOMING CLASSES & EVENTS

CLASSES ON DEMAND

Blueprint Reading
Cost Estimating / Bidding
OSHA 10 & 30 H
EPA - RR&P Certification
ESL - Construction related

Basic Spanish for American
Companies
Business Cost Determination and
How to Integrate Business Costs into
Estimating
General Contractor License Class

CONSTRUCTION MANAGEMENT TRAINING

Date: Every Wednesday, from 10/3 - 11/28
Time: 5:30 - 8:30 PM
Location: Charlotte, NC
Cost: \$200 for members only



NETWORKING EVENTS

UMCNC Annual Meeting 2018
Date: May 2 & 3, 2018
Location: Proximity Hotel - Greensboro, NC

Social Summer
Date: Tuesday, June 26, 2018
Location: Raleigh, NC
Cost: Free for Members

Contractors Night Out
Date: Tuesday, December, 2018
Time: 6:00 - 8:00 PM
Location: Charlotte, NC
Cost: Free for Members

**TO REGISTER AND/OR FOR
SPONSORSHIP OPPORTUNITIES:**

LUNCH & LEARN SERIES

Lean Construction: Efficient construction
Date: Thursday, September 13, 2018
Time: 11:30 AM - 1:30 PM
Location: Charlotte, NC
Cost: \$25 Members, \$30 Non-members

Project Management's Biggest Mistakes
Date: Thursday, October 11, 2018
Time: 11:30 AM - 1:30 PM
Location: Raleigh, NC
Cost: \$25 Members, \$30 Non-members

Programming & Project Control Class
Date: Monday, April 9, 2018
Time: 9:00 AM - 5:00 PM - Charlotte, NC
Cost: \$380 Members / 580 Non-members

CONTACT HCAC AT INFO@HCACAROLINAS.ORG OR (704) 583-4184



HCAC Brilliance Awards Gala 2018

Friday, August 3, 2018

Historic Royal Bakery Building
[3801 Hillsborough St. Suite 109,](#)
[Raleigh NC](#)

To register for the event: Eventbrite
<https://bit.ly/2GOaNGV>

Become a [SPONSOR](#)

To become a member of UMCNC, <https://bit.ly/2GQjlgm>

For questions, contact BPollard@UMCNC.org

UMCNC | 919.817.8626 | bpollard@umcnc.org | www.umcnc.org

New Reciprocity Program Makes HUB Certification Easier for North Carolina Businesses

The North Carolina Department of Administration and Department of Transportation Join Forces to Promote Governor Cooper's Business Development Plan

Learn more about the program here: <https://bit.ly/2N5r928>

Upcoming HUB Certification Day - September 21, 2018

Training location: Cape Fear Community College,
Wilmington, NC - Registration Coming Soon!



**Historically
Underutilized Businesses**
Department of Administration

CERTIFICATION DAY

PROJECTS-AT-A-GLANCE

LOOK A HEAD PROJECTS

Project Delivery Method: CMR

Plant Sciences Building (Bond Project): New Plant Sciences Building on Centennial Campus. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$150,600,000**. Anticipated bid date is August 2, 2018. (DPR) *Mentor Protégé: TBD*

Carmichael Renovation & Expansion: This project demolishes the existing 48,000 gross SF administration building and constructs an addition of approximately 82,800 gross SF. The addition will house student recreation spaces including fitness and functional training space, classrooms, and administrative offices. The addition will require renovations to approximately 1000 SF of the adjacent Carmichael Gym facility for accessibility and includes new fire suppression/alarm systems for about 343,000 GSF of the existing Carmichael Gym. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$45,000,000**. Anticipated bid date is November 12, 2018. (Frank L. Blum)

DH Hill Academic Success Center: This phased project renovates the 2nd and 3rd floors to create an Academic Student Success Center as well as an open study space in the library. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$9,300,000**. Anticipated bid date is February 1, 2019. (Holder).

Bureau of Mines Renovation: This full renovation will be done to accommodate offices and classrooms. The HVAC and electrical systems must be replaced, and accessibility addressed. Building was constructed in 1945. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$6,000,000**. Anticipated bid date is July 10, 2019. (Holt Brothers).

Project Delivery Method: GC Single Prime

Carbon Electronics Cluster Lab Renovations: This project is for the partial renovation of the first floor of Partners III on NC State's Centennial Campus Precinct. The Scope of Work of 4766 sf includes limited demolition, and general construction, plumbing, HVAC, and electrical, as well as fire protection system modifications and security installation. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,300,000**. Anticipated bid date is July 10, 2018.

Dabney Hall HVAC: This project includes an HVAC assessment to identify exhaust upgrades and implementation of Phase 1 to provide new lab exhaust infrastructure and controls in approximately one-third of the 39,000 assignable square feet of teaching and research lab space in Dabney Hall. Included in the project are new fume hoods, rooftop exhaust fans, controls, and ductwork. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$4,500,000**. Anticipated bid date is August 17, 2018.

Centennial Campus Utility Infrastructure: TES Package-This project expands chilled water capacity with the addition of a stratified chilled water thermal energystorage tank (TES) located adjacent to the central utility plant. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$5,000,000**. Anticipated bid date is August 24, 2018.

Murphy Center Sports Medicine: This project will renovate approximately 5,580 gross square feet in the first floor sports therapy area (rooms 120A – 130A) of the Wendell Murphy Football Center. Modifications include demolishing existing offices and an outdated wave pool and installing a steam room and hot and cold therapy pools in the 1,805 gross square foot hydrotherapy area. Also included are updated offices, open cubicles and a reconfigured central therapy area. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,000,000**. Anticipated bid date is November 27, 2018.

Project Delivery Method: Design Build

Creamery Café & Education Center: The new creamery café and education building is designed to be a 4,500 SF, ground-up facility built on approximately 2 acres of land at the NCSU Lake Wheeler road Dairy Farm Field Labs. The creamery will engage the community and act as a gateway for the University and the College of Agriculture and Life Sciences to connect the public to agriculture and food systems. There will be a retail area for sales of goods and product. An ice cream service line will also be available. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,200,000**. Anticipated bid date: February 23, 2019. (Muter Construction)

Renovation of Memorial Belltower: This project will complete installation of a 55 bell carillon in conjunction with the repair, restoration and preservation of NC States iconic Memorial Belltower. Improvements will address tower accessibility and use restrictions to permit installation of the clavier in the tower and occupancy of the clockworks level to accommodate playing the carillon on site. The addition of interior vertical circulation will be provided for relative ease of navigation to the top of the tower. New mechanical and electrical systems will provide for conditioned space, lighting, new clock motor and controls. Site improvements will address deterioration of the concourse and plinth areas. Anticipated bid date is October 14, 2019. (New Atlantic)

PROJECTS-AT-A-GLANCE (CONT.)

PROJECTS IN PROCESS

Project Delivery Method: CMR

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 completion date: August 1, 2018. (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, removal of existing duct-bank and manhole that interferes with the new building expansion, extend the building services to the new addition, and install new CHP equipment. 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. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$20,200,000**. Anticipated completion date: December 21, 2018. (DPR Construction).

Engineering Building Oval (Bond Project): 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 completion date is June 30, 2020. (Skanska) *Mentor Protégé: Team Henry*

Project Delivery Method: Single Prime

Harris Hall Student Services Renovation: This project is a 6,000 square foot interior renovation of the existing Center, with offices and consolidation of several departments into a one stop shop for student services. The project will also require security system improvements and fire protection system modifications. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,750,000**. Anticipated completion date: August 31, 2018. (Riggs-Harrod)

North & Central Electrical Distribution: This project implements the first phase of six recommended phases from the University Electrical Distribution Master Plan. This phase provides for the necessary substation equipment replacement, switchgear upgrades, and recircuiting the campus distribution from the substation in a loop around Bragaw Hall with extension to Broughton Hall. The project provides a phased approach to address operational and functional issues and ensure reliability within the current medium voltage electrical distribution infrastructure. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$4,100,000**. Anticipated completion date: September 4, 2018. (The Ryan Company)

Scott Hall HVAC Upgrades: This project will replace the air handlers and controls in Scott Hall, including make-up air units and zone temperature control air handlers. This will replace equipment past its useful life and also correct the dehumidification problem in the building. Controls and monitoring system in the bird wing will also be upgraded. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$750,000**. Anticipated completion date is December 4, 2018. (ACH Constructors)

Murphy Center Broadcast Studio Renovation: This project renovates about 5,500 SF in the Murphy Center. The existing racquetball court, conference rooms, and office space will be converted into a broadcast center that will accommodate donated media broadcast equipment. Electrical and mechanical capacity will be modified to support the new equipment. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$5,500,000**. Anticipated completion date is December 16, 2018. (Resolute)

Dearstyne Entomology and Avian HVAC Upgrade: This project includes installing new roof-top air handlers with network controls, boiler refurbishment/replacement and new ductwork in the Dearstyne Avian Building. The project also includes new HVAC for the isolation rooms and building waterproofing for the Dearstyne Entomology Building. The project will require minor building modifications to accommodate the equipment change. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$1,500,000**. Anticipated completion date: December 28, 2018. (Comfort Systems USA)

Reedy Creek Equine Farm: Design and construction of a 7800 SF Theriogenology building, 2300 SF Recipient Mare Building, paddocks, fencing, site work, utilities and other items required to support the establishment of an Equine Health Facility at Reedy Creek Equine Farm. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$2,400,000**. Anticipated completion date: February 14, 2019. (ACH Constructors)

Greek Village Phase III-Infrastructure: This project develops lots 8, 9 and 10 for new fraternity houses. It includes construction of the roads, parking lots, and infrastructure associated with the overall development and implementation of the houses. The total project budget (construction, design, and miscellaneous project cost) is approximately **\$5,500,000**. Anticipated completion date is August 16, 2019. (Fred Smith)

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, CMD **CPPM/HUB Coordinator**

Capital Project Management Campus
Box 7520

Administrative Services III

2701 Sullivan Drive, Suite 331

Raleigh, NC 27695-7520

Phone: 919-513-3172

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>

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

NC MWBE Coordinators' Network (NC MWBE)

PO BOX 1856

Raleigh, NC 27602

<http://www.mwbenetwork.org>

Hispanic Contractors Association of the Carolinas

226 Westinghouse Blvd.

Charlotte, NC 29708

(704) 583-4184

www.hcacarolinas.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