

The 4th Annual

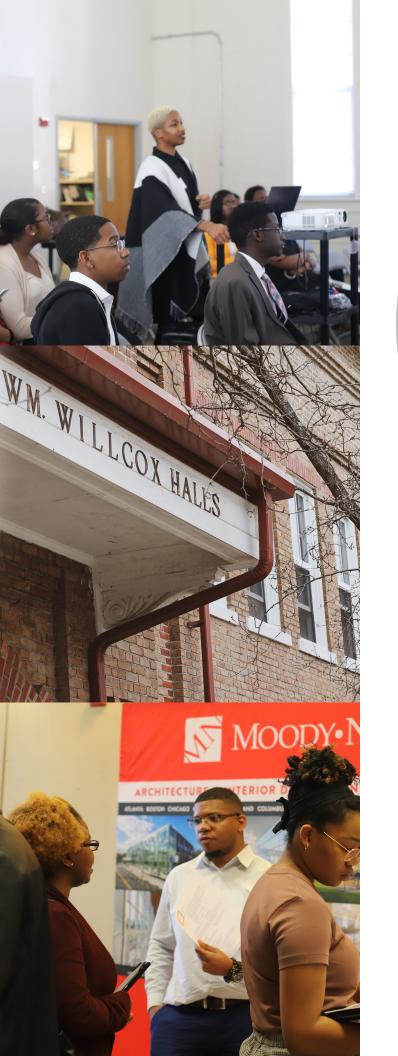


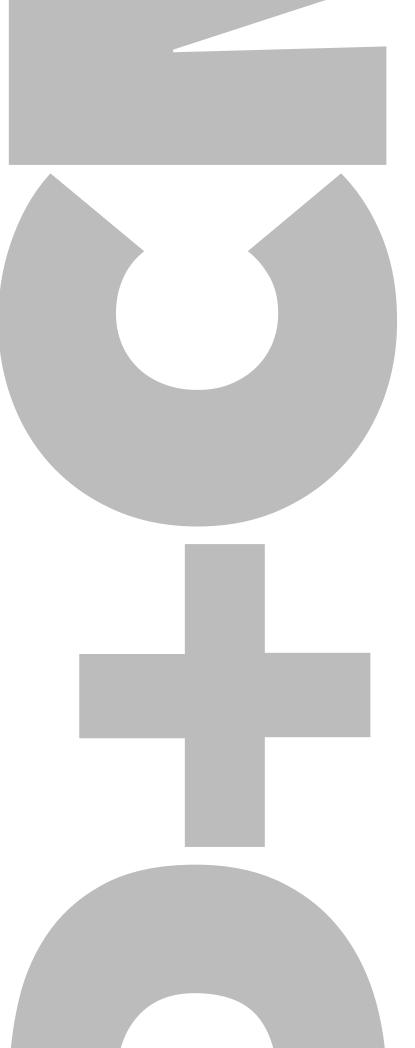
February 8th - 12th, 2021

TUSKEGEE UNIVERSITY

Robert R. Taylor School of Architecture & Construction Management







DESIGN & CONSTRUCTION MANAGEMENT EXPO

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Message from our Dean

DEAN CARLA JACKSON BELL, PH.D.

Architecture and Construction Science and support for scholarships, internships, (TSACS). The TSACS family is passionate and faculty development outcomes. about the intellectual energy generated by our students, our traditions, and our history, I also envision multidisciplinary collaborations as well as our future. Contained herein, you'll find information for prospective and current other institutions to ensure the school is well students, alumni, and supporters.

take student learning a step further by moving towards a 21st century culturally relevant environment and renewing Washington's We are proud to have the distinction of having mission to educate the whole person. We will not only train our students to have more culturally adaptive hands, but we will cultivate the mind, and ultimately strive to purify the I'm committed to leading the TSACS's family hearts of the entire TSACS family. Our mission to educate the whole person extends to the motivations and work towards common goals students' experiences and includes such human qualities as race, gender, ethnicity, change. physical ability, nationality, age, religion, sexual orientation, economic status, and veteran status, welcome those with different experiences to build character, to allow students to interact with diverse groups and to strengthen their knowledge as design and construction professionals.

We will also envision a new identity in the minds of alumni and stakeholders to help carry out our mission and the academic rigor to nurture a generation of highly competitive designers and builders. Under my administration, the TSACS brand will be reintroduced to the academic community by building on the four RE's: re-newing best practices to recruit and retain stellarly students, revitalizing multicultural and global understanding, re-branding the scholarly footprint of the school, and re-connecting professional collaborations with alumni and corporations to acquire support. Going forward, these RE-building strategies will

welcome you on behalf of the faculty and ultimately strengthen ties with alumni firms staff at The Robert R. Taylor School of and funding agencies to increase enrollment

among our graduates, corporate leaders, and poised to succeed in our rapidly changing world. We can only do that if we re-new, re-As Dean, I am not only honored to lead this vitalize, re-brand and re-connect ourselves as school in an outcomes-based direction, but a school that is aware of the ever-changing I am also dedicated to a holistic student- student population and serves as a positive centered and mentoring atmosphere. impact for a better future in underrepresented Students are our first priority. My vision is to communities, especially in Tuskegee and the surrounding areas.

> the largest percentage of licensed architects than any other architecture program in the southeast. As Tuskegee University grows, to change expectations, perceptions, and to build a stronger vision for transformative

We are the BRICKS!

- We innovate and

We integrate cultural knowledge and awareness to serve our co



Carla Jackson Bell, Ph.D. Dean Professor

Message from our Department Heads

DEPARTMENT OF ARCHITECTURE

Greetings and welcome to historic Tuskegee University and the Robert R. Taylor School of Architecture and Construction Science (TSACS)! On behalf of the Department of Architecture, we want to thank you for attending the Design + Construction Management Expo 2020. Our family in Architecture and Construction Science have come together to develop an awesome program which is designed to benefit both students and industry professionals.

It is our desire for the expo to be informative and worthwhile for everyone. The primary goal of this week is to bring together design and construction industry professionals, alumni, and students, as well as friends and partners. Our aim is to expose our student body to the vast array of opportunities available to them within architecture and construction. Your participation over this week, whether it is for one day or all five, will assist us with preparing our students to meet the demands of the building industry upon graduation. We are grateful for the support of our students, faculty, administrative staff, alumni and industry partners for making this D + CM Expo a success.

Sincerely,



Kwesi Daniels, MArch, MSc Sust. Mgmt, ABD Department Head of Architecture

DEPARTMENT OF CONSTRUCTION MANAGEMENT

Welcome industry partners, alumni, students, and friends to the 2020 Design + Construction Management Exposition. Thank you for joining us on our exploration of emerging technologies, best practices, and career development.

We are very aware that you are the stakeholders and key to the success of our program in the Robert R. Taylor School of Architecture and Construction Science, welcome to the D + CM Expo 2020.

Again, on behalf of the Construction Science and Management Program in the Robert R. Taylor School of Architecture and Construction Science. Welcome to the D + CM Expo 2020.

Best Regards,



Department Head of CSM Assistant Professor

CONFRENCE SCHEDULE

MONDAY 2/8

8:30-9:00 am Login

9:00am-12:00 pm Meet+Greets 12:00-1:00 pm Open Forum 1:00-4:00 pm Follow-Up Sessions

WEDNESDAY 2/10

8:30-9:00 am Login

9:00am-12:00 pm Meet+Greets
12:00-1:00 pm Open Forum
1:00-4:00 pm Follow-Up Sessions
3:00 pm Historic Greenwood Design Charrette
4:00 pm NOMAS Design Charrette
5:00 pm Black Girls Draw

TUESDAY 2/9

8:30-9:00 am Login

9:00 am HOK
10:00 am BWBR
11:00 am Kraus+Anderson
12:00 pm Break
1:00 pm HKS | PageThink
2:00 pm MoodyNolan | Caddell
3:00 pm Orchestra Partners
4:00 pm JLL | McCarthy
5:00 pm Sketching Workshop

THURSDAY 2/11

8:30-9:00 am Login

9:00 am Corgan
10:00 am Historic Trades
11:00 am Studio Libeskind | SOM
12:00 pm Break
1:00 pm Professor Fluker AXP
2:00 pm RAMSA
3:00 pm DPR
4:00 pm MWA Architects
5:00 pm Rendering Workshop

FRIDAY 2/13

10:00 am - 11:30 am NOMA Charrette Review 9:00 pm-12:00 pm Meet+Greet 12:00 pm-1:00 pm Charrette Presentations 1:00 pm-2:00 pm Alumni Panel 2:00 pm-3:00 pm Keynote Address 4:00 pm Closing Remarks

CONFERENCE PARTICIPANTS





























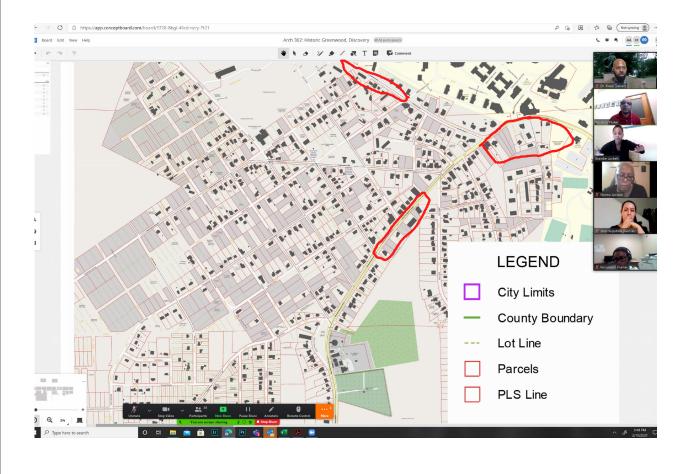


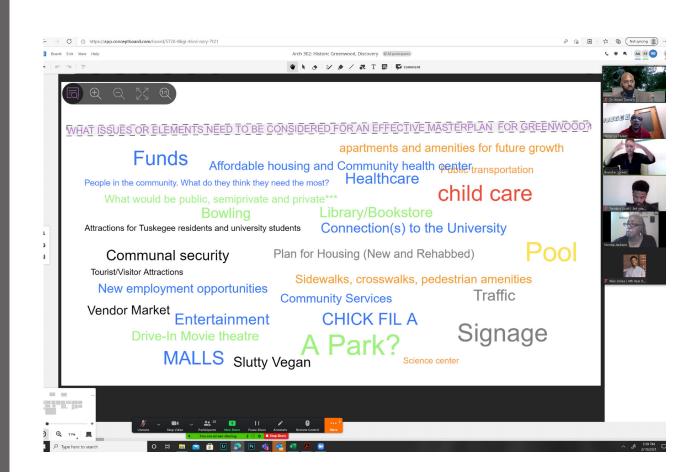


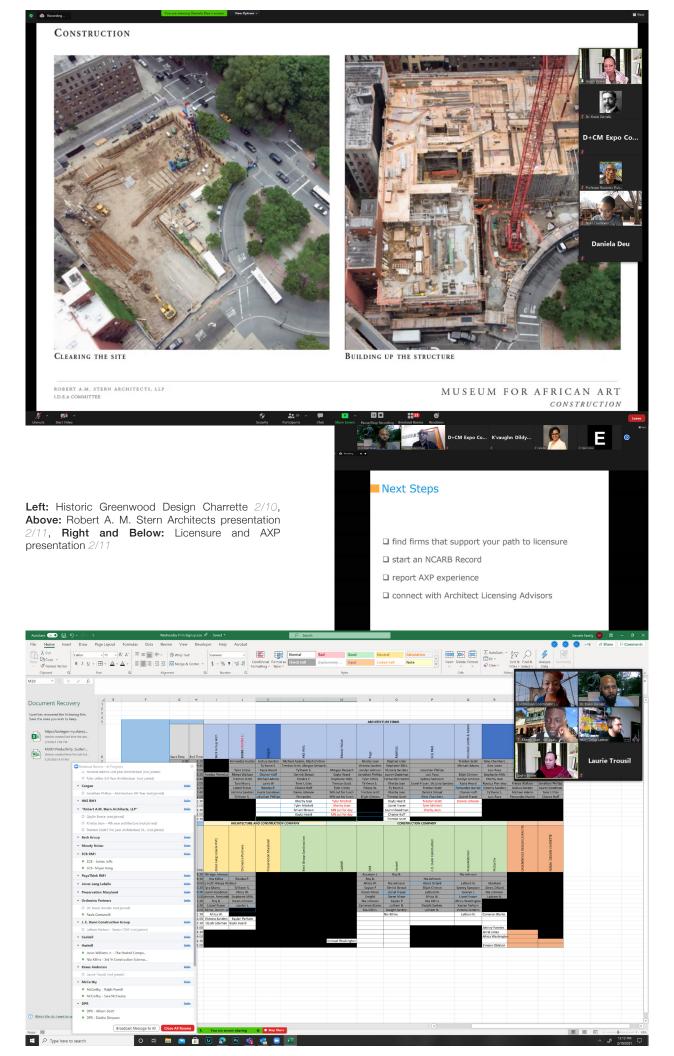




Beck Group, BWBR Architects, Caddell Construction, Cooper Carry, Corgan, DPR Construction, HKS, HOK, JLL, Kraus + Anderson, Moody Nolan, MWA Architects, Orchestra Partners, Page Think, Perkins + Will, Robert A. M. Stern Architects, Smith Group, SOM, Studio Libeskind **Presenting Companies**







TSACS TAYLOR SCHOOL OF ARCHITECTURE & CONSTRUCTION SCIENCE

History

The board of trustees at Tuskegee University elevated the departments of Architecture and Construction Science from the College of Engineering, Architecture and Physical Sciences (CEAPS) to the Robert R. Taylor School of Architecture and Construction Science (TSACS) in 2010. The school is named after Robert Robinson Taylor, the first accredited African-American architect, and the first black to receive an architecture degree from the Massachusetts Institute of Technology. Taylor is credited with developing the school's program in architecture and was often placed in charge of the dayto-day operation of the school in the absence of first president Dr. Booker T. Washington. Most buildings on campus built prior to 1932 were designed by Taylor, including the original Chapel, Dorthy Hall (now Kellogg Hotel & Conference Center), Tompkins Hall, The Oaks (Washington's family home), and White Hall. TSACS is founded on a belief in the power of architecture and construction science to uplift the human condition and give the form to society's highest aspirations. Students are prepared to become citizen architects and builders - community leaders who provide a vision of a better environment.



Mission

Our mission is to develop skilled professionals who are capable of playing active roles in shaping communities through the building of meaningful places for all people. As such, our intent is to keep working to help our current and future students to have a competitive advantage that will both distinguish themselves from students at peer institutions and advance their career goals. We also envision a new identity in the minds of alumni and stakeholders to help carry out our mission and the academic rigor to nurture a generation of highly competitive designers and builders.

Robert R. Taylor School of Architecture & **Construction Science**

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Administrator

Ms. Chervl Jackson Email: cjackson@tuskegee.edu Phone: (334) 727-8330 Fax: (334) 724-4198

Office of the Dean

Ms. Lisa Johnson Email: ljohnson@tuskegee.edu Phone: (334) 727-8014 Fax: (334) 725-5980

Department of Architecture

The five-year program in architecture prepares graduate for internship and professional registration via a broadly based curriculum which is structured as a two plus three year program. It is fully accredited by the National Architectural Accrediting Board (NAAB). Graduates enter the profession as capable architecture interns. They are able to solve a variety of design problems, ranging from simple building design or site planning to the design of building complexes and urban design.

Department of **Construction Science**

The construction science and management department provides professional training in construction project management. As an accredited program through the American Council for Construction Education (ACCE), the curriculum can be completed in four years and provides a wide variety of course offerings including construction methods, sustainability principles, surveying, project controls management, building information modeling, business, humanities, physical sciences, and general studies. We also encourage students to participate in the CSM Co-op/Internship Program.

Inaugural School Programs

- Bachelor of Arts in Design (4-year Degree)
- Minor in African American History In Architecture (18 Credit Hours) collaboration between TU's Department of Architecture and Department of History
- Minor in Residential Housing
- Historic Preservation Program







DEPARTMENT OF ARCHITECTURE

STUDENT OFFICES

ADVISOR

Prof. Amma Asamoah

AIAS

PRESIDENT

Roodza Pierrelus 4th Yr Port-au-Prince, Haiti VICE PRESIDENT

Trenton B. Scott 3rd Yr Birmingham, AL

Lawrence H. Thompson 3rd Yr Stone Mountain, GA TREASURER

Nilreign N. Johnson 3rd Yr Long Island, NY DIRECTOR OF PUBLIC RELATIONS Mariah A. Stewart 4th Yr Washington, DC

NOMAS PRESIDENT

Kherby Jean 4th Yr Cap Haitian, Haiti VICE PRESIDENT

Alex Q. Jones 4th Yr Greenville, SC SECRETARY

Derrick Stroud II 4th Yr Atlanta, GA TREASURER

Chanse Huff 2nd Yr Columbus, GA

Tuskegee's architecture & design programs form partnership with Asian universities

2019 - 2023

Tuskegee University's Robert R. Taylor School of Architecture and Construction Science has established an expanded academic partnership with universities in Japan and Indonesia. The newest Penn-Tuskegee Partnership element of this collaboration will lead to 2020 a global, online pilot course focused on environmentally responsive architecture and design. The school hosted a delegation of faculty and graduate students from Japan's Kagoshima University to finalize the concept, including Diponegoro University in Indonesia. Roderick Fluker, AIA, interim dean and associate professor of architecture and construction science, will serve as Tuskegee's project coordinator.

Virtual Preview to **Architecture & Construction** at Tuskegee (V-PACT)

June 2020

The Tuskegee University's Robert R. Taylor School of Architecture and Construction Science (TSACS)'s Virtual Preview of Architecture and Construction at Tuskegee (V-PACT) Program was held on June 22nd through 26th 2020. The program provided prospective students a glimpse into the professional side of architecture and construction management while also exposing them to the educational, time management, and social aspects of college life. The camp was led by a group

of TSACS's faculty and students, along with industry professionals.

Participants: TSACS Students: Kayla Heard, Alex Jones, Paul Simivu TSACS Faculty: Amma Asamoah. Kwesi Daniels, *Swarnali Ghosh Dastider, Rodrick Fluker, Tom Kaufman, Dr. Charner Rodgers, Raj Seghal Industry Professionals: Travis Armbrister, Shavon Charlot, Jamila Hazel, Tyrone Jackson, Roy H. Mayo, Jr, Victoria Partridge Walsh, Andrew C. Yantis, Jr.

*Faculty Program Lead

The University of Pennsylvania Stuart Weitzman School of Design and The Robert R. Taylor School of Architecture and Construction Science (TSACS) at Tuskegee University have entered into a partnership to increase the visibility of histories of the American civil rights movement and its built, landscape and environmental legacies.

PennPraxis, the consulting and community engagement arm of the Weitzman School, and the School's Graduate Program in Historic Preservation are working with Tuskegee to build its preservation teaching capacity, produce original research, and conduct public outreach.

Under the 18-month partnership, Tuskegee and Penn will collaborate to document and activate culturally significant buildings, sites, towns, and landscapes, in part through a collaboration with the Birmingham Civil Rights Institute. They will also explore successful preservation, planning, and development strategies for small towns.

Tuskegee and Penn will also collaborate

on curriculum development, classroom work, and student-centered field projects to strengthen their respective graduate and undergraduate programs. Penn has a longestablished two-year Master of Science in Historic Preservation degree and a new oneyear post-professional Master of Science degrees and Tuskegee offers a new minor in historic preservation. The initiative is supported by the J.M. Kaplan Fund and Kevin Penn, chair of the Board of Overseers at the Weitzman School.

2020 NOMAS Student Design Competition 2020



Team: TSACS Students: Kherby Jean, Daren Johnson, Alex Jones, Roodza Pierrelus, Trenton Scott, and Derrick Stroud II TSACS Faculty: Amma Asamoah*, Rodrick Fluker,

*Advisor

Tuskegee University NOMAS has been awarded 2nd place among 29 schools nationally in the 2020 Barbara G. Laurie Student Design Competition. The design challenge was to design for the Black

Cultural Zone (BCZ) Community Development Corporation, in collaboration with seven environmental and housing justice organizations. Design for the plans of creating a net positive mixed-use community-owed development. The vision is to maintain in perpetuity Black space and culture while being stewards of ecological balance and renewal in Deep East Oakland. The site is rich in transit options, and the BCZ and its partners want to leverage and feature these connections as a way to reduce the overall carbon impact for the greater Bay Area.

The design criteria for the competition was for each team to develop a program that encompassed cooperative low income and affordable housing, commercial/retail tenants, coworker spacing, non-profit office spaces, outdoor spaces on grade, and above grade. Solutions are sought which integrate positive and welcoming community connections, cutting-edge energy solutions, innovative housing examples, and restorative nature access.







DEPARTMENT OF CONSTRUCTION SCIENCE MANAGEMENT

STUDENT OFFICES

NAHB
COMPETITION CAPTAINS
Marquez Burdett Senior Washington, DC
Alex Jones 4th Yr Greenville, SC

ADVISOR

Dr. Charner Rodgers

Survey Camp

At the end of the semester, land surveyors from the construction industry are invited to lead the survey camp usually a whole day on a Saturday towards the end of the semester. During the spring 2020 semester. the virus situation made the camp be conducted virtually by Jake Bonds and **Seminar** Roger Joiner from Schoel Engineering February 2020 and Sain Associates, respectively. The camp's purpose is to wrap up the semester curriculum and bring into perspective the expectations, requirements, and opportunities for students in the construction industry.

Sigma Lambda Chi International Construction **Honor Society**

TUSLC chapter submits an annual report to the international SLC headquarter. They Gold level, where they will be recognized at the Associated Schools of Construction Joel Wao, coordinates these.

A resume workshop was hosted in Professor Swarnali Dastider serves as preparation for the TSACS specific career Chapter Advisor. fair dubbed Spring 2020 Design and Construction Management Exposition (D+CM Expo). During this event, SLC members critiqued resumes and informed of Homebuilders Student students about LinkedIn's importance in networking and invited everyone to connect. Members also had sessions for headshots as a fundraiser for the SLC organization, thereby providing the TSACS students body the opportunity to get

headshots for their LinkedIn profiles and others. Senior, Simone Obleton currently serves as the Tuskegee Chapter President.

The 2020 Kiewit's Women in Construction (WIC) and **Engineering Leadership**

Senior Maya Little was selected on behalf of Tuskegee University TSACS and WIC to attend the 2020 Kiewit's Women in Construction (WIC) and Engineering Leadership Seminar in February of this year. The year 2020 conference was held at Kiewit University Headquarters in Omaha, Nebraska. Seventy-four collegiate women and 100+ others from the AEC Industry were in attendance. Goals of Conference included Networking with women with similar interests in the construction industry, bringing awareness to the have received news that they achieved the different sectors of construction Kiewit is involved in, recruiting new members, and diversifying your network. Events included (ASC) conference in London, UK, in site walks, panel discussions, market September 2020. The Chapter advisor, Dr. breakout sessions, Executive Q&A's, women empowerment presentations, and networking mixers.

TSACS National Association Team

January 2020 - January 2021

The NAHB 4 year student competition was held in Las Vegas. Nevada, during the International Builders Show from Jan 20 - 24, 2020. Twelve young ladies from TSACS competition were majoring in Construction Science & Management (CSM) and Architecture. The ladies were the first all-African American all-girls team ever to present and win an award. Winning Rookie of the year and seventh place out of 39 teams overall, with Alyssa Walker also receiving one of the student of the year honors.



2020 Team: Simone Obleton, *Sonya Clark.*Daisha Simpson, Mava Little, *Alvssa Walker, Africa Washington, Asia Johnson, *Kavla Heard, *Melannie Branch, Preshae' Smith. *Roodza Pierrelus

*Presenting member

The NAHB 4 year student competition was held virtually from Feb 2 - 8, 2021. Twelve students from TSACS competition

were majoring in Construction Science & Management (CSM) and Architecture. Winning Chapter of the year and 11th place out of 29 teams overall, with Alex Jones also receiving one of the student of the year honors.



2021 Team: *Etienne Adams, Melanie Branch, Marquez Burdett, *Sonva Clark, *Kavla Heard, *Alex Jones, Zaria Lee, Simone Obleton, Monet Terrell, *Lawrence Thompson, *Rikeya Wallace, Africa Washington,

*Pictured presenting member

Students Journi Goodman Tyler Littles Michael Adams Joshua Gordon Andrea Mejia Kendrick Arrington Kayla Heard Stephanie Mills Roy Barre' Daren Minor Lauryn Hereford Brandon Bertin Jazmone Holmes Tyler Mitchell Cameron Blanks Chanse Huff Tyra Murry Melannie Branch Carl Ivy Latham Nelson Amarri Brown Jared Jackson Simone Obleton Jalen Carlyle Kherby Jean Ivonte Patterson Nino Chambers Alexis Jefferson DaNia Patterson Cameron Childs Ladarrell Pettway Jocelyn Johnson Elijah Cintron Nilreign Johnson Jordan Peyton Stephen Colar Asia Johnson Jonathan Phillips DaJah Coleman Nia Johnson Kendal Phillips Jaylen Cox Daren Johnson Roodza Pierrelus Morgan DeLoach Chardian Johnson Roy Pitts Kvaughn Dildy Zaria Johnson Jeffrey Robinson Alexis Dillard Alex Jones Luis Rosa Jamarcus Ezell Nia Killins Sydnee Sampson Prince Fagan III Victoria Sanders Keith Kimbrow II Lionel Fraser Jordan Lamar **Dwight Sankey** Johnny Fuentes Maya Little Trenton Scott Nathan Givens

Preshaé Smith

Mariah Stewart

Arona Strachan

Derrick Stroud

Ty'Kwon Summerville

Monet Terrell

Lawrence Thompson

Rikeya Wallace

Ishmael Washington

Africa Washington

Alyssa Wilkins-Jones

Bryson Williams

Montinez Williams

Faculty

Amma Asamoah

Kwesi Daniels

Rod Fluker

Swarnali Ghosh Dastider TSACS ENGAGEMENT

INDUSTRY ENGAGEMENT

COOPER CARRY

Tuskegee University's Department of Architecture receives gift to increase the number of licensed African Americans architects August 12, 2020



Left to Right: Kevin Cantley, AIA, NCARB CEO., Corey Riley, AIA, NOMA Architect (Bachelor of Architecture Tuskegee University 1993), Jordan Crawford, Architect (Bachelor of Architecture Tuskegee University 2018), Marcel Walker, Architect (Bachelor of Architecture Tuskegee University 2017)

uskegee University's Department of Architecture has received an unparalleled contribution of \$100,000 from the Cooper Carry Charitable Foundation, Inc. The gift will be used to increase access to the architecture profession for African American students.

The foundation is the charitable wing of the Cooper Carry architectural firm, located in

Atlanta, New York, and Washington, D.C.

Eighty thousand dollars of the gift will be used to establish new need-based scholarships for undergraduate students. Twenty thousand of the gift is designated for a student technology scholarship that will allow students to receive technology assistance by providing laptops and/or architecture design software – as Tuskegee has transitioned to remote instruction.

"Cooper Carry has a long history of supporting schools of architecture. We have an active mentoring program, offer internships, and have endowed scholarships to support the growth and development of future leaders in architecture," explained Cooper Carry President and CEO Kevin Cantley. "We knew Tuskegee University would be the place to develop a new and meaningful partnership – and we believe it's important to be part of actively developing diverse voices in design and architecture."

"The leadership in the Robert R. Taylor School of Architecture and Construction Science has supported our concept of nurturing the growth of talented young people for over two years," Cantley further explained. "We have great respect for Tuskegee University and have hired several recent Tuskegee alumni on our team of professionals."

Of the approximately 100,000 licensed architects in the United States, only two percent are African American – a statistic that has not changed significantly since the 1960s. The American Institute of Architect's Large Firm Roundtable, of which Cooper Carry is a member, is an organization of 60 of the nation's largest design firms. The roundtable firms have committed to hiring more African Americans, with an emphasis on recruitment from HBCU programs.

"Tuskegee is one of only seven accredited architecture degree programs, which collectively account for approximately half of all African American graduates in architecture. This gift will enhance student academic success and increase our commitment to the students by making sure they are prepared when they go out into the workforce as future architects," noted Dr. Carla Jackson Bell, interim provost and vice president for academic affairs and former dean of the school.

"Tuskegee is proud to have the distinction of having the largest percentage of licensed architects than any other architecture program in the southeast. Our students have incredible potential and through this partnership with Cooper Carry, we will be able to not only attract more students to

our program, but we'll be able to keep our current students in the program, and on track to graduate," said Roderick Fluker, associate professor of Architecture and interim dean for the school.

About Cooper Carry

Cooper Carry provides architecture, planning, landscape architecture, interior design, environmental graphic design, branding, and sustainability consulting services. Founded in 1960, the firm specializes in the design of education, government, hospitality, mixeduse, office, residential, restaurants, retail, senior living, science + technology, and transit projects. The firm has designed projects in 45 states and globally in the Caribbean, Middle East, Asia, Africa and Central America. Cooper Carry approaches its work as a collaborative ecosystem. Its multiple studios and services come together daily to provide each project the depth of knowledge needed to meet and exceed objectives.

Cooper Carry's leaders are advocates and authorities for their specialties, empowered by decades of expertise to make decisions that prioritize placemaking, civic space, and the greater good of communities, tenants, residents and visitors. For more information, visit Cooper Carry's website at coopercarry. com and follow the design firm on Facebook, Instagram, Twitter and LinkedIn.

Courtesy of Brittney Dabney, Office of Communications, Public Relations and Marketing



Those who wish to support TSACS financially may do so through contacting Tuskegee University's Office of Development:

Contact: Krystal Floyd, Director, Office of Development – kfloyd@tuskegee.edu **Online Gifts:** https://www.tuskegee.edu/support-tu/give (specify TSACS in the comment section)



Robert R. Taylor School of Architecture & Construction Science

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