

### **QUALIFICATION QUESTIONNAIRE**

Founded by architect Sheldon Smith in 1853, our "born on" date might suggest that we're a traditional design and engineering firm, but we left old-fashioned mindsets at the curb decades ago. Today, SmithGroup is an award-winning, multi-national organization that employs research, data, advanced technologies, and design thinking to help clients solve their greatest challenges.

Working across a network of 15 offices internationally, our team of 1,200 experts is committed to excellence in strategy, design, and delivery—giving rise to new and innovative processes and methodologies that are redefining the way we work as teams. Our specialists develop beautiful, sustainable, future-focused solutions for healthcare providers, science and technology organizations, higher education and cultural institutions, urban environments, diverse workplaces, mixed-use and waterfront developments, and parks and open spaces. Our integrated practice offers depth in all disciplines serving the built and natural environment, including architecture, engineering (coastal, civil, structural, mechanical, electrical, and plumbing), landscape architecture, urban design, and planning.

#### I. CONTACT INFORMATION

#### A. SMITHGROUP ADDRESS

500 Griswold Street, Suite 1700 Detroit, Michigan 48226

#### **B. ORGANIZATION TYPE**

SmithGroup, Inc. is a privately owned corporation, incorporated in Michigan. SmithGroup, Inc. and/or one of its related entities is currently registered to provide professional services in all fifty U.S. states.

#### C. MBE, WBE, OR DBE:

SmithGroup is not a certified Minority, Woman, or Disabled Business Enterprise. We are strongly committed to Design Justice and have crafted a deeply diverse team. Please see evidence of this beginning on page 13.

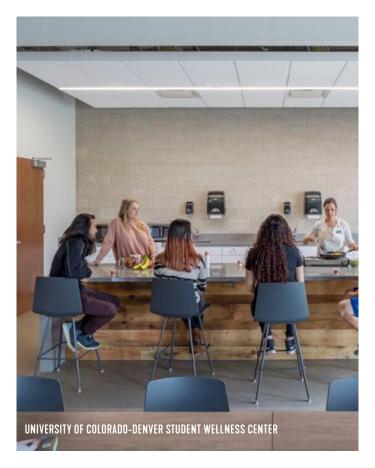
#### D. POINT OF CONTACT

Tricia A. Beck, AIA, LEED AP Vice President, Higher Education Studio Leader 313.442.8008 tricia.beck@smithgroup.com

#### II. CURRENT PROJECTS

The projects identified below are led out of SmithGroup Detroit's Higher Education Studio:

Project	Total Size (\$)	Status
Ball State University, Cooper Science	\$49M	CD
Midwest Big 10, Confidential Project	\$6M	SD
Oakland University, Off Site Research Facility	\$10M	CD
University of Memphis, STEM	\$30M	CA
University of Michigan, School of Dentistry	\$110M	CA
University of Tennessee, STEM	\$45M	CA
Wayne State University, State Hall	\$50M	DD



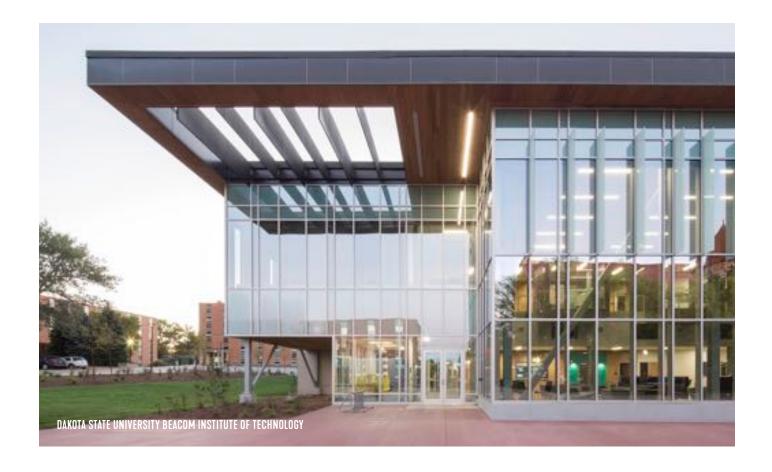
#### III. CURRENT PERSONNEL BY DISCIPLINE

Discipline	Total	Licensed/ Registered
Architects	101	65
Mechanical Engineers	20	12
Electrical Engineers	20	8
Civil Engineers	0	0
Structural Engineers	15	13
Other Engineers	12	6
Landscape Architects	0	0
Interior Designers	9	6
Other Designers	10	5
Specification Writers	0	0
Support, including, accounting, legal, network, and risk management	44	1

The staff count identified above are from SmithGroup Detroit's office

### IV. PROFESSIONAL SERVICES RESPONSIBILITIES

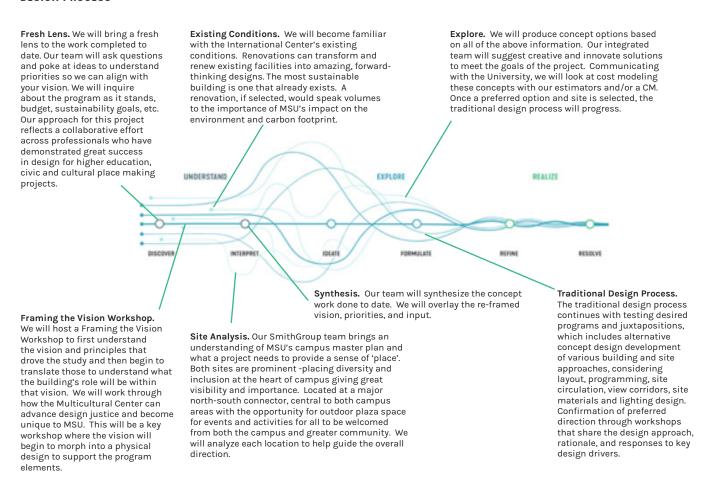
Discipline	Firm Performing	
Architectural	SmithGroup & SDG	
Structural Engineering	SmithGroup	
Civil Engineering	Onyx Enterprises	
Mechanical Engineering	SmithGroup	
Electrical Engineering	SmithGroup	
Landscape Architecture	SmithGroup	
Acoustical	Cerami Associates	
AV	Cerami Associates	
Cost Estimating	KAS Estimating Services	
Signage and Wayfinding	InkSpot Design	



### **DESIGN APPROACH**

Knowing you are well into this journey; we understand this key turning point in the process: Bringing the building to realization. The Multicultural Center at Michigan State University (MSU) is a landmark opportunity to bolster student success, provide a voice to your historically underrepresented student populations and to connect your campus. This facility will be a hub to celebrate each person's individual uniqueness - race, ethnicity, gender, sexual orientation, socio-economic status, age, physical abilities, religious beliefs, political beliefs, and other ideologies. We comprehend your vision to design a safe, comfortable environment for students that celebrates the many cultures of all peoples! Housing spaces that are flexible, inclusive, future-focused and a gathering hub for ideas to be shared. The Multicultural Center should be 'experienced' and not just a 'destination'- a beacon drawing in both the campus and greater community!

#### **DESIGN PROCESS**



#### **ENGAGEMENT**

Our design approach is largely married to our engagement approach, in that we begin with a "LISTEN-FIRST," platform. We are most interested in understanding the goals and aspirations of the students, campus, faculty and staff so we can design a facility that embodies the intended impact of the Multicultural Center. We believe strong student engagement is a true vehicle in developing successful campus spaces. It builds excitement, accountability, and a sense of stewardship that would not exist if the Multicultural Center was developed in a vacuum. Throughout our listening approach, we will work to amplify each voice and translate that voice to design innovation culminating in a comprehensive design that is a clear reflection of the goals and the campus.

### STUDENT SUCCESS CENTER RENOVATION

**STATUS**: Completed, 2019

FUNDING SOURCE: Capital Funds

PROJECT DELIVERY: CM at Risk

PROGRAMS: Private space, meeting rooms, student lounges, collaborative & open workstations

**GSF**: 80,000 gsf

CONSTRUCTION COST: \$29.6 M (\$370/sf)

**PROJECT COST:** \$44.9 M (\$561/sf)

PHASED BIDDING: Yes

**CONSTRUCTION:** Renovation & Expansion

**LEED CERTIFICATION:** LEED Gold

**SMITHGROUP**: Architect of Record, Design Partner

P2S ENGINEERING: MEP Engineer

**CONSULTING ENGINEERS**: Civil/Site Planning

SWA GROUP: Landscape Architect

SPECIALTY CONSULTANTS: Acoustics: Colin Gordon & Associates; Structural Engineer: Mark G. Anderson Consultants

CONTRACTOR: Swinerton Builders
Michael Darquea, Project
Executive, 213.896.3400,
MDarquea@swinerton.com

**OWNER:** Mark Zakhour, Director of Design & Construction, 562.985.4175, Mark.Zakhour@csulb.edu

SHARED MEETING SPACE
STUDENT SUCCESS
FLEXIBLE EXHIBIT/RECEPTION SPACE
STUDENT STUDY





The Student Success Center renovation reimagines a late 1950's era, three-story concrete frame building, originally designed to support the College of Natural Sciences & Mathematic, into a Center for Student Success. The upper floors house spaces for the original disciplines and several allied health teaching labs and fine arts studios are located on the lower level. A new student gathering space is provided atop a set of columns, which define the entry and transform the building presence on the campus.

The original concrete corridor is repurposed as private space, meeting rooms, student lounges or testing stations supporting assessments in each department, leaving the clear space at the perimeter open for collaborative work in open work stations, filled with daylight and flexible to support changes over the life of the building. The long structural corridor walls are being opened to promote visibility, connections and daylight across the depth of the building. Circulation will occur along the perimeter of the building or outside under a colonnade which doubles as sun shade on the south façade. The project is working to achieve LEED Gold certification.

### **COMMUNITY ENGAGEMENT CENTER**

**STATUS**: Design Development

FUNDING SOURCE: Donor Funding

PROJECT DELIVERY: CM at Risk

**PROGRAMS**: Flexible Meeting/Event, Small Group, Open Office, Social, Outdoor Gathering

**GSF**: 11,500

CONSTRUCTION COST: \$6 Million (Anticipated)

**PROJECT COST**: Confidential

PHASED BIDDING: Yes

**CONSTRUCTION**: New Construction

LEED CERTIFICATION: Net-zero Ready

**SMITHGROUP**: Programming, Site, Design, All Engineeing, Interiors, Landscaping

SPECIALTY CONSULTANTS: Cost Estimating

**CONTRACTOR**: TBD

**OWNER:** Midwest Big10 University



The mission and goal of the Community Engagement Center is to cultivate and steward mutually beneficial partnerships between communities and the University to advance social change.

SmithGroup's goal is to make the Community Engagement Center a model for conservation, resilience, and equity—a physical manifestation on the interrelationship between sustainability and community.

By linking Purpose, Program and the Potential of a Net Zero Energy designwe beat out national competition to provide design services and explore the viability of the University's first Net Zero Energy ready building.

SHARED MEETING SPACE
FLEXIBLE COMMUNITY SPACES
HOTELING OFFICES
OUTDOOR EVENT SPACE

### STUDENT WELLNESS CENTER

STATUS: Completed, 2018

FUNDING SOURCE: Donor plus Student

PROJECT DELIVERY: CM at Risk

**PROGRAMS:** Student collaboration and lounge, Community Kitchen, multi-activity gym, pool, fitness spaces

**GSF**: 92,000 gsf

CONSTRUCTION COST: \$35.6 M(\$387/sf)

**PROJECT COST**: Confidential

PHASED BIDDING: Yes

CONSTRUCTION: New Construction

LEED CERTIFICATION: LEED Gold

ANDERSON MASON DALE ARCHITECTS:

Architect of Record

**SMITHGROUP**: Design Partner

CATOR, RUMA & ASSOCIATES: MEP Engineer

S.A. MIRO, INC: Civil/Site Planning

WENK ASSOCIATES: Landscape

SPECIALTY CONSULTANTS: Aquatic
Specialist: Aquatic Design Group;
AV/IT: Rimrock; Acoustics: K2
Audio

**CONTRACTOR**: Saunders Construction

**OWNER**: Amber Long, Executive Director of Wellness & Recreation Services, 303.315.6377 amber.j.long@ucdenver.edu

STUDENT DRIVEN
FLEXIBLE COMMUNITY SPACES
AWARD-WINNING DESIGN
WELLNESS AMENITIES





The Student Wellness Center transforms the student experience with a wide range of recreation and holistic wellness facilities, providing a landmark building at the nexus between the University of Colorado (CU) Denver's campus and downtown. The project began as a conversation between student leaders who recognized a growing sense of identity among their traditionally commuter-based student body. They began to define a vision of a more complete campus experience, a student home outside of the classroom, and outstanding facility to attract and retain the highest caliber students.

### STUDENT ACHIEVEMENT CENTER

STATUS: Completed, 2019

FUNDING SOURCE: Gifted donations

PROJECT DELIVERY: Standard Bid

PROGRAMS: Active learning, collaborative classrooms, tutoring advising counseling, innovative study space, food service, conference/meeting space, maker space, student government/club

**GSF**: 140,000 gsf

CONSTRUCTION COST: \$36 M(\$257/sf)

**PROJECT COST**: \$44 M(\$314/sf)

PHASED BIDDING: Yes

**CONSTRUCTION**: New Construction

**LEED CERTIFICATION:** LEED Silver

**SMITHGROUP:** Design Architect, Lab Planner, MEP Engineer

FORESITE GROUP: Civil/Site Planning

HOLCOMBE NORTON PARTNERS: Landscape

#### SPECIALTY CONSULTANTS:

Telecommunications: Convergent Technologies Design; Acoustics: Waveguide; Structural Engineering: Stevens & Wilkinson

CONTRACTOR: Rabren General

Wes Bowlin (no longer with firm), 334.826.6143

**OWNER**: Chris Roberts, Dean of College of Engineering, 334.844.2303, robercr@auburn.

STUDENT ORGANIZATIONS
STUDY
FLEXIBLE EXHIBIT/RECEPTION SPACE
STUDENT HUB





This new student center is designed as a home base for undergraduate students providing a place to pursue academic activities outside the classroom including recruitment, tutoring, advising, and counseling. Robust informal gathering spaces house a variety of activities and events including collaboration space for the community.

The center empowers students and provides them with the setting needed to succeed through the different phases of their academic journey. The Student Achievement Center is designed as a home base for first-year engineering students, providing informal gathering spaces, maker spaces, and fabrication labs, classrooms for hands-on, problem-based learning, a tutoring center, a career development center, and industry collaboration spaces.

### **OPPORTUNITY HUB**

STATUS: Completed, 2019

FUNDING SOURCE: College plus General Fund

PROJECT DELIVERY: CM

PROGRAMS: Flexible Event/Student Collaboration, Student Services, Student Organization, Social, Student Study

**GSF**: 24,500 gsf Renovation, 21,000 Addition

CONSTRUCTION COST: \$25 Million

PROJECT COST: Confidential

PHASED BIDDING: Yes

**CONSTRUCTION:** New Construction & Renovation

**LEED CERTIFICATION:** LEED Gold

SMITHGROUP: Architect of Record, Design, MEP Engineering, Civil & Site Planning, Landscape Architecture, Lighting Design

SPECIALTY CONSULTANTS: Cost Estimating

CONTRACTOR: Walbridge Andy Wasiniak, VP of Operations, 313.963.8000

awasiniak@walbridge.com

**OWNER:** Scott Wood, Lead Design Manager, 734.883.6819 scottdw@umich.edu

SHARED MEETING SPACE

REFLECTION ROOM

FLEXIBLE EXHIBIT/RECEPTION SPACE

STUDENT HUB





The Literature, Science and the Arts (LSA) Opportunity Hub is a University of Michigan initiative dedicated to pairing the broad and valuable skills of a liberal arts education with real-life experience, strategic advising, and the benefit of connecting with employers and alumni. In collaboration with the UM community, the Hub staff facilitates access to internships, funding, industry insiders, and alumni partnerships so that students can engage in challenging and diverse opportunities that inspire their self-discovery and growth through their college careers and beyond.

SmithGroup provided the design services for the new Hub, which includes an addition to and renovation of the first floor of the LSA building on U of M's central campus. LSA's goal was to transform the building into a student-centric environment that showcases the opportunities offered by a world-class liberal arts education. The Hub is the signature space and provides an identifiable campus presence that is open, vibrant, and attractive for students, faculty, alumni, potential employers, and staff. Since its opening in December of 2019, the Hub has become a magnet of activity and is occupied at all times.

# NATIONAL MUSEUM OF AFRICAN AMERICAN HISTORY & CULTURE

STATUS: Completed, 2016

**FUNDING SOURCE**: Congress & private philanthropic support

PROJECT DELIVERY: CM at Risk

PROGRAMS: Exhibit galleries, administrative spaces, theatre space, collections & storage space

**GSF**: 372,000 gsf

CONSTRUCTION COST: \$350 M (\$940/sf)

PROJECT COST: \$540 M

PHASED BIDDING: Yes

**CONSTRUCTION**: New Construction

**LEED CERTIFICATION:** LEED-NC Gold

**SMITHGROUP:** Architect of Record (Exterior)

THE FREELON GROUP & DAVIS BRODY BOND: Architect of Record (interiors)

ADJAVE ASSOCIATES: Design Partner

WSP FLACK + KURTZ: MEP Engineer

CIVIL/SITE PLANNING: Gustafson Guthrie Nichol

SPECIALTY CONSULTANTS: Hopkins Food Services; Doyle & Associates; Historic Resource Protection: Robinson & Associates; Structural Engineering: Silman Associates

CONTRACTOR: Clark/Smoot/Russell Brian Fiegel, Executive VP, 301.272.6713

**OWNER:** Lonnie G. Bunch III, Secretary of the Smithsonian, former Director of NMAAHC)

**CULTURALLY-DRIVEN DESIGN** 



SmithGroup, teamed with Freelon Adjaye Bond, was selected to design the Smithsonian's new National Museum of African American History and Culture (NMAAHC). SmithGroup provided strategic leadership for the design of the new NMAAHC, commencing with the competition in 2008 that led to the design team's celebrated selection. SmithGroup played a critical role as Associated Design/Construction Architect for the new museum. In its role, SmithGroup developed and coordinated the design and construction of the entire exterior enclosure of the museum: from curb to curb and foundations to the roof. The primary architectural inspiration for the museum is the crown or corona form. Reaching toward the sky, the bronze clad corona expresses faith, hope, and resiliency. External to the building, the corona cladding forms a solar screened perimeter zone which shields the internal glass enclosure that surrounds the primary galleries. Daylight enters the museum through patterned openings in the bronze cladding and through skylights. At night, the corona softly glows presenting stunning views of the museum from a variety of vantage points in and around the Mall.

Below the corona, visitors enter the museum through a grand "porch" at the south side of the building while a secondary entrance is provided on the north (Constitution Ave.) side. The landscape and use of water are an integral part of the threshold experience, establishing the site as a critical component of the design while providing perimeter security and sustainable storm water management. As visitors move through this generous space, the orientation theater and museum shop are easily accessible as well as elevators and escalators to move visitors to the History Gallery, café, and Oprah Winfrey Theater on the concourse level below or to the gallery levels above.

# LUMPKIN'S SLAVE JAIL SITE/ DEVIL'S HALF ACRE PROJECT

**STATUS:** Fundraising

**FUNDING SOURCE:** Donor

PROJECT DELIVERY: TBD

PROGRAMS: Event, Operations, Interpretation Center, Gathering,

**GSF**: 100,000 gsf

CONSTRUCTION COST: \$150 M
(Anticipated)

PROJECT COST: Confidential

PHASED BIDDING: TBD

CONSTRUCTION: New Construction

LEED CERTIFICATION: LEED Gold (Anticipated)

**SMITHGROUP:** Lead Design, Architect of Record, MEP Engineer

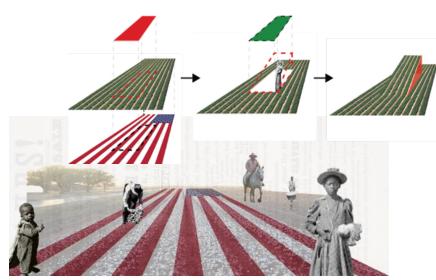
MIKYOUNG KIM DESIGN: Civil/Site Planning

SPECIALTY CONSULTANTS: Visitor
Experience: Gallagher &
Associates; Statement of Purpose:
Chora; Archaeological consultant:
Gray & Pape; Consulting Architect:

CONTRACTOR: TBD

**OWNER:** Sharon L. Ebert, DCAO, Deputy Chief Administrative Officer for Planning & Development Review, 804.646.7646, Sharon.ebert@richmondgov.com

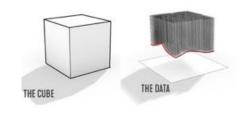
**CULTURALLY-DRIVEN DESIGN** 

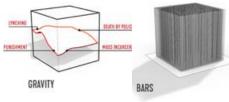


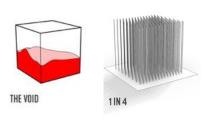


Following a 2008 discovery of the archaeological remains of a slave auction complex: a residence, tavern, kitchen, and jail owned by a violent trader, Robert Lumpkin, the City of Richmond sought architectural services to develop a comprehensive design interpreting and memorializing the historical site, honoring its cultural meaning for the City and its communities. Once one of the largest hubs for the transfer, sale, and exchange of enslaved people in the United States, Lumpkin's Sale Jail, also called the "Devil's Half Acre" by those that were enslaved, was forgotten over time - covered by earth, encapsulated by train tracks, an interstate, and infrastructure. It is a place for discovery, acknowledgement, healing, empowerment, and action.

# EXPLORING INSTITUTIONAL RACISM IN AMERICA









STATUS: Traveling Exhibit

**FUNDING SOURCE:** Donors

PROJECT DELIVERY: General Contract

**PROGRAMS**: Gathering, Reflection

**GSF**: 475 gsf

**CONSTRUCTION**: New Construction

**LEAD CREATORS**: Dayton Schroeter, 202.974.0734

Julian Arrington, 202.974.0810

Society's Cage is a timely interpretive installation born in the aftermath of the George Floyd and Breonna Taylor murders as our society reckons with institutional racism and white supremacy. The public installation features a bold interpretive pavilion sculpted to symbolize the historic forces of racialized state violence. The experience educates visitors and functions as a sanctuary to reflect, record and share personal thoughts. It is conceived in solidarity with the Black Lives Matter movement as a mechanism for building empathy and healing.

The pavilion is a series of bars which are hung to form a cube with a cavernous void that symbolizes our imperfect society and justice system. The void is shaped by historical data and serves as a visual metaphor to represent the primary institutional forces of racism that embody the Black American experience.

The initial installation coincided with the March on Washington in support of Black Lives, held in Washington, DC on August 28, 2020, and is located on the National Mall.

### ORGANIZATIONAL CHART



#### ADVANCING DESIGN JUSTICE

SmithGroup is a large international multi-disciplinary firm, Michigan-based and shaped by being a collaborative of practitioners. We work to cultivate an environment both internal and external where people of all identities can thrive. We are a collective of individuals—each with unique skills, specialized expertise, and individual passions that support the clients and campuses for which we serve. SmithGroup has tailored an experienced, diverse team to suit the specific needs put forward by Michigan State University.

SmithGroup is committed to partnering with firms that are Minority Owned, Women Owned, and Disadvantaged Business Enterprises. For the MSU Multicultural Center project we have partnered with the focus of actively dismantling inequity to leverage professional connections and privileges in the name of advancing justice. Just as MSU is working to create a more just and equitable campus, we too are working to foster a more just and equitable design profession. We have therefore teamed with the following partners:

### SDG Associates, LLC Architects + Planners

#### **SDG Associates** Architectural Production Minority Owned Business, Michigan based

SDG Associates, LLC, formerly Sims-Varner & Associates, is an African-American owned architecture, planning and program management firm with over 50 years of leadership and design experience. Headquartered in Detroit, Michigan, SDG has designed some of the most recognizable structures in the city.

SDG's concern for design excellence has been recognized by frequent awards for both quality of work, and social impact of its projects, from groups such as the American Association of School Administrators, the American Institute of Architects, the American Public Works Association, the Precast Concrete Institute, the Engineering Society of Detroit, the Masonry Institute of Michigan and the Great Lakes Fabricators Association. With a cumulative volume of work in excess of \$5 billion in construction costs, SDG has repeatedly demonstrated its ability to sustain the confidence of clients.



#### **Onyx Enterprise, Inc.** Civil Engineering Minority Women Owned Small Business, Michigan based

Onyx Enterprise, Inc., (OEI) established in 2007 is a Woman and Minority Owned, WBE, MBE, DBB, DHB, DBE, NEORSD, and 8a Certified Small Business with offices in Detroit, Michigan. Federal ID No. 20-8769643. Onyx provides engineering consulting, project management, engineering consulting firms and contractors. OEI is a registered business in the State of Michigan, and is in good standing. OEI has a team of five (5) Civil Engineers one licensed engineer (11900615-MI), a Designer/Engineer, Drafter, and Construction Inspectors.

### CERAMI

### **Cerami Associates** Acoustics, AV, IT & Security Women Owned Business

Cerami is a premier national acoustical and technology consulting firm dedicated to providing technically excellent, responsive client service through a work ethic that expresses value, creativity and innovation. We pride ourselves on being both practical and visionary. We work closely with a project's entire design team to find solutions that meet both the designer and the end-user's project goals. Our collective expertise and commitment are all focused on helping our clients make the best decisions for their projects. Cerami has served as the acoustical, audiovisual, IT and security consultants for educational facilities at every level and both public and private. Since educational facilities support numerous activities, ranging from classroom instruction to musical performances, they demand a variety of design solutions.



### InkSpot Design Signage & Wayfinding Women Owned Small Business

InkSpot DESIGN Inc. provides planning and design of environmental graphic design programs and related print media for a variety of clients. Wayfinding and comprehensive signage and graphics experience includes Higher education health care, corporate, cultural, hospitality and retail, and manufacturing sites and facilities.



### KAS Estimating Services Cost Estimating Small Business

KAS Estimating Services primary service is construction cost estimating. We also provide value engineering services, coordination reviews, change order review and analysis, and construction claims analysis. We have experience across most market sectors, with particularly strong experience in higher education, healthcare, pharmaceutical, and industrial.

# TRICIA BECK

AIA, LEED AP



As the Detroit Higher Education Studio leader with 25+ years of experience, Tricia brings to bear thought leadership, creativity and commitment with a deep understanding of the big picture at hand. She fosters an environment to allow creative problem solvers and innovators to collaborate and implement solutions that exceed client's goals and expectations.

MIDWEST BIG10 UNIVERSITY, COMMUNITY ENGAGEMENT CENTER - #2 Confidential

UNIVERSITY OF MICHIGAN, OPPORTUNITY HUB - #5 Ann Arbor, Michigan

MICHIGAN STATE UNIVERSITY, HUB FOR INNOVATION East Lansing, Michigan

WESTERN MICHIGAN UNIVERSITY, VALLEY DINING CENTER Kalamazoo, Michigan

PROJECT MANAGER

**SMITHGROUP** 

## JENNIFER DURHAM

AIA, LEED AP



Jennifer has over 20 years of experience in architecture and project management. As Senior Project Manager and a registered architect with expertise in higher education. Jen's depth of experience extends to working with construction managers on complex projects that require both intricate phasing and sustainable solutions. Jen relishes the challenge of guiding a team through all project phases, helping clients manifest their vision into reality.

MIDWEST BIG10 UNIVERSITY, COMMUNITY ENGAGEMENT CENTER - #2 Confidential

UNIVERSITY OF MICHIGAN, OPPORTUNITY HUB - #5
Ann Arbor, Michigan

WAYNE STATE UNIVERSITY, MIKE ILITCH SCHOOL OF BUSINESS Detroit, Michigan

### **MONTEIL CRAWLEY**

### AIA, LEED AP



Monteil is a thoughtful designer and planner with over 16 years of experience, focusing on cultural institutions for more than a decade. Leading efforts to program, plan, design, and document multiple significant cultural projects of all scales in the past several years. Monteil has a keen skill for organizing projects' critical components into a functionally efficient and dynamic experience. His portfolio includes some of the most iconic contemporary civic buildings in the US that combine innovative design solutions rooted in the value of audience and visitor engagement encouraging social interaction through inspiring spaces.

#### LUMPKIN'S SLAVE JAIL SITE/DEVIL'S HALF ACRE PROJECT - #7

**Richmond, Virginia**. Interpretation, site definition, and concept development for an archaeological site of a notorious Slave Trade Auction Complex and Jail.

#### NATIONAL MUSEUM OF AFRICAN AMERICAN HISTORY & CULTURE - #6

Washington, DC. The new 372,000 sf National Museum of African American History and Culture (NMAAHC) is on the Washington Monument Grounds in the National Capitol. The A/E team was composed of four architectural firms: Freelon Group, Adjaye Associates, Davis Brody Bond, and SmithGroup. SmithGroup was the firm in charge of the complete exterior enclosure from foundations to roof and curb to curb, as well as coordinating the various disciplines involved and construction administration. The building has extensive systems and site features.

#### SOCIETY'S CAGE - #8

**Traveling Exhibit.** Society's Cage is a timely interpretive installation born in the aftermath of the George Floyd and Breonna Taylor murders as our society reckons with institutional racism and white supremacy. The public installation features a bold interpretive pavilion sculpted to symbolize the historic forces of racialized state violence. The experience educates visitors and functions as a sanctuary to reflect, record and share personal thoughts. It is conceived in solidarity with the Black Lives Matter movement as a mechanism for building empathy and healing.

#### MUSEUM OF POP CULTURE

New York, New York. SmithGroup worked with the client for multiple years to program and assist with site selection for a new East Coast flagship for the popular Seattle institution. The new Manhattan museum is under design within a landmarked structure and will include immersive experiential exhibits, traditional galleries, performance and event space, as well as classrooms, retail, offices and a restaurant.

#### **EDUCATION**

Bachelor of Architecture, Hampton University, 2005

#### REGISTRATIONS

Registered Architect: District of Columbia

LEED Accredited Professional

#### PROFESSIONAL AFFILIATIONS

American Institute of Architects

Mid Atlantic Association of Museums

Association of African American Museums

# **ANDRÉ SHARON**



André has a full understanding of the fundamentals of assembling construction documents from small- to medium-sized projects. He has worked on various architectural teams and has interacted positively with other design professionals to provide a coordinated set of documents. André approaches projects with open lines of communication and is involved with all phases from strategic planning and programming to construction administration.

UNIVERSITY OF COLORADO-DENVER, STUDENT WELLNESS CENTER - #3

Denver, Colorado

DETROIT INSTITUTE OF ARTS, MASTER PLAN IMPLEMENTATION & EXPANSION Detroit, Michigan

MICHIGAN STATE UNIVERSITY, MARY MAYO HALL RENOVATION

East Lansing, Michigan

WESTERN MICHIGAN UNIVERSITY SCHOOL OF ART, RICHMOND CENTER FOR VISUAL ARTS
Kalamazoo, Michigan

JOB CAPTAIN SDG ASSOCIATES

### SALWAN ASHOO



Salwan has 25 years of experience in the industry and brings an extensive portfolio of projects over his architectural career, demonstrating proven results through construction documents and during construction. Salwan has served in a project management role, leading projects through all phases and is highly experienced in coordinating engineering disciplines.

MCKINLEY SCHOOL
Southfield, Michigan

DETROIT FOOD COMMONS

Detroit, Michigan

THE STATE OF MICHIGAN, MICHIGAN STATE CAPITAL AREA RECONFIGURATION

Lansing, Michigan

MACOMB COUNTY, MACOMB ADMINISTRATION BUILDING PARKING DECK AND WELCOME CENTER Macomb, Michigan

### **WILLIAM SPINKS**

RΑ



William has more than 40 years of experience across a broad spectrum of project types, including Educational and Religious Facilities, Transportation and Light Industrial, Commercial, Resort Planning, Urban Planning and Urban Renewal. He is Highly proficient in specifications writing and code analysis, his skillsets and experience make him a tremendous asset to the firm and any project.

DUNBAR HIGH SCHOOL Washington D.C

NEW SANCTUARY FOR GREATER GRACE CHURCH Detroit, Michigan

DETRIOT HOUSING COMMISSION
Detroit, Michigan

DDOT COOLIDGE TERMINAL FACILITY ASSESSMENT Detroit, Michigan

LIGHTING DESIGNER

**SMITHGROUP** 

# RODRIGO MANRIQUEZ

IALD, CLD, IES



Rodrigo conceptualizes lighting solutions as an integral component of the design process by understanding the critical role that lighting design plays in the way architecture evokes emotions. He strives to raise awareness about the integration of lighting design to clarify the manner in which we perceive architectural environments. His approach to lighting design is to creatively address hierarchy, transition, direction, order, and perception.

CALIFORNIA STATE UNIVERSITY - LONG BEACH, STUDENT SUCCESS CENTER RENOVATION - #1 Long Beach, California

UNIVERSITY OF COLORADO-DENVER, STUDENT WELLNESS CENTER - #3

Denver, Colorado

AUBURN UNIVERSITY, STUDENT ACHIEVEMENT CENTER - #4

Auburn, Alabama

UNIVERSITY OF ARIZONA, NORTON SCHOOL OF FAMILY& CONSUMER SCIENCES

Tucson, Arizona

# OSCAR COBB

PE, LEED AP BD+C



Oscar has more than 20 years of experience in the architectural and engineering industry. His portfolio of mechanical system design includes retrofit and new construction designs for commercial, healthcare, institutional, and industrial buildings, as well as hazardous storage applications, alternative energy laboratories, and data centers. Oscar's experience in HVAC design and engineering includes energy recovery, heat pumps, ASHRAE standard compliance for ventilation, occupant thermal comfort, and energy efficiency.

MIDWEST BIG10 UNIVERSITY, COMMUNITY ENGAGEMENT CENTER - #2

Confidential

UNIVERSITY OF MICHIGAN, OPPORTUNITY HUB - #5 Ann Arbor, Michigan

EDSEL & ELEANOR FORD HOUSE, VISITOR CENTER & ADMINISTRATION BUILDING

Grosse Pointe Shores, Michigan

WAYNE STATE UNIVERSITY, MIKE ILITCH SCHOOL OF BUSINESS

Detroit, Michigan

### PROJECT ENGINEER

**SMITHGROUP** 

QC & PROJECT REVIEW

SMITHGROUP



MOSOPE ISMAIL
LEED GREEN ASSOCIATE

OAKLAND UNIVERSITY, ELLIOTT HALL SCHOOL OF BUSINESS EXPANSION & RENOVATION

Rochester, Michigan

UNIVERSITY OF MICHIGAN, NORTH CAMPUS RESEARCH COMPLEX B25 & B20E

Ann Arbor, Michigan

LINKEDIN DETROIT HEADQUARTERS
Detroit, Michigan

AUTO-OWNERS INSURANCE, SOUTH CAMPUS PHASE 1 OFFICE BUILDING Lansing, Michigan



KURT CUNNINGHAM

PE, LEED GREEN ASSOCIATE

MICHIGAN STATE UNIVERSITY, CASE HALL DINING RENOVATION East Lansing, Michigan

MICHIGAN STATE UNIVERSITY, FLINT JOURNAL BUILDING PUBLIC HEALTH AND RESIDENTIAL UNITS

Flint, Michigan

OAKLAND UNIVERSITY, HUMAN HEALTH BUILDING Rochester, Michigan

UNIVERSITY OF MICHIGAN, LAWYERS CLUB RENOVATION Ann Arbor, Michigan

PROJECT ENGINEER SMITHGROUP

### HALEY SADLIER



Haley Sadlier provides a fresh perspective to the design team as a recent college graduate. Having completed an internship at SmithGroup, she has worked on a variety of projects within the cultural, higher education, science and technology and workplace practices. As an Electrical Designer, her responsibilities include developing the overall electrical design concepts, including primary and secondary power distribution, lighting, communications and security systems.

OAKLAND UNIVERSITY, ELLIOTT HALL SCHOOL OF BUSINESS EXPANSION & RENOVATION Rochester, Michigan

WAYNE STATE UNIVERSITY, MIKE ILITCH SCHOOL OF BUSINESS

Detroit, Michigan

EDSEL & ELEANOR FORD HOUSE VISITOR CENTER & ADMINISTRATION BUILDING

Grosse Pointe, Michigan

DETROIT HISTORICAL SOCIETY, DOSSIN GREAT LAKES MUSEUM SITE IMPROVEMENTS

Detroit, Michigan

### JUNIOR ENGINEER

**SMITHGROUP** 

### QC & PROJECT REVIEW

SMITHGROUP



### **NAOMI ADISA**

UNIVERSITY OF MICHIGAN, OPPORTUNITY HUB STUDENT LIFE - #5 Ann Arbor, Michigan

MICHIGAN STATE UNIVERSITY, FACILITY FOR RARE ISOTOPE BEAMS East Lansing, Michigan

UNIVERSITY OF MICHIGAN, BIOLOGICAL SCIENCES BUILDING Ann Arbor, Michigan

UNIVERSITY OF MICHIGAN, DEARBORN ENGINEERING LAB BUILDING REPLACEMENT

Dearborn, Michigan



### **DAN YENSCH**

PE, LEED GREEN ASSOCIATE

MICHIGAN STATE UNIVERSITY, HUB FOR INNOVATION East Lansing, Michigan

OAKLAND UNIVERSITY, HUMAN HEALTH BUILDING Rochester, Michigan

WESTERN MICHIGAN, COLLEGE OF HEALTH AND HUMAN SERVICES
Kalamazoo, Michigan

SAGINAW VALLEY STATE UNIVERSITY, MARSHALL FREDRICKS MUSEUM EXPANSION

University Center, Michigan

CIVIL ENGINEER ONYX ENTERPRISES

# TAROLYN BUCKLES



Tarolyn has a wide range of engineering, project management, and construction management experience managing water resources projects and teams of engineers involved in design and construction engineering, RPR services, start-up/testing, O&M Manuals and closeout for more than \$1B in construction work. She has served as Project Manager, Construction Manager and Project Engineer for numerous Detroit Water & Sewerage Department, MDOT, Wayne County (MI) projects, and Cleveland, OH projects.

HORACE H. RACKHAM EDUCATIONAL MEMORIAL BUILDING

Detroit, Michigan

CITY OF DETROIT DPW STREETSCAPES PROJECTS Detroit, Michigan

DETROIT WATER AND SEWERAGE DEPARTMENT (DWSD) AS NEEDED CONSTRUCTION INSPECTION SERVICES

Detroit, Michigan

HUDSON'S SKYSCRAPER PROJECT Detroit, Michigan

### LANDSCAPE ARCHITECT

**SMITHGROUP** 

### **CAMPUS PLANNER**

**SMITHGROUP** 



**CLARE JAGENOW** 

PLA, ASLA

MICHIGAN STATE UNIVERSITY, OWEN HALL REFURBISHMENT East Lansing, Michigan

MICHIGAN STATE UNIVERSITY, CASE HALL RENOVATION East Lansing, Michigan

OAKLAND UNIVERSITY, HUMAN HEALTH BUILDING Rochester, Michigan

EAST CAROLINA UNIVERSITY, NEW STUDENT UNION PROGRAMMING Greenville, North Carolina



**NEAL KESSLER** 

PLA, ASLA

MICHIGAN STATE UNIVERSITY, CAMPUS MASTER PLAN East Lansing, Michigan

EAST CAROLINA UNIVERSITY, STUDENT UNION Greenville, North Carolina

OAKLAND UNIVERSITY, HUMAN HEALTH BUILDING Rochester, Michigan

UNIVERSITY OF MICHIGAN, HILL DINING CENTER Ann Arbor, Michigan

# RAHUL DESAI

PF



Rahul has over 10 years of structural engineering experience, and he is involved in conceptual design and is responsible for design development and documentation, as well as comprehensive construction administration. He is experienced in many types of structures, including healthcare, higher education and government facilities. He recognizes the complex requirements of new construction and the sensitivity in the renovation of existing structures.

EDSEL & ELEANOR FORD HOUSE, VISITOR CENTER & ADMINISTRATION BUILDING

Grosse Pointe Shores, Michigan

DETROIT ATHLETIC CLUB EXPERIENCE PROJECTS
Detroit, Michigan

WESTERN MICHIGAN UNIVERSITY, VALLEY DINING CENTER

Kalamazoo, Michigan

OAKLAND UNIVERSITY, ENGINEERING CENTER Rochester, Michigan

**COST ESTIMATING** 

KAS

# **KHALID SUHAIL**



Khalid has over 30 years of experience developing and preparing preconstruction cost estimates for healthcare, medical research, higher educational, pharmaceutical, industrial, and commercial institutions. His knowledge of processes and interpersonal skills are essential with customer interface, communications, and the outcome of each project. Khalid is the lead consultant at KAS and is the key contact for clients.

MICHIGAN STATE UNIVERSITY, GRAND RAPIDS RESEARCH CENTER

Grand Rapids, Michigan

MICHIGAN STATE UNIVERSITY, BRODY & SHAW HALLS
East Lansing, Michigan

UNIVERSITY OF MICHIGAN, BIOLOGICAL SCIENCE BUILDING

Ann Arbor, Michigan

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN, ELECTRICAL & COMPUTER ENGINEERING BUILDING Urbana-Champaign, Illinois



JON DUFFY CTS-D, DMC-E

ROWAN UNIVERSITY, CHAMBERLAIN STUDENT CENTER EXPANSION Glassboro, New Jersey

JOHNS HOPKINS UNIVERSITY, THE SNF AGORA INSTITUTE Baltimore, Maryland

DREXEL UNIVERSITY WEXFORD SCIENCE AND TECHNOLOGY CENTER Philadelphia, Pennsylvania

PENN STATE UNIVERSITY, JAMES BUILDING State College, Pennsylvania



**BRITT EMANUEL** 

ROWAN UNIVERSITY, CHAMBERLAIN STUDENT CENTER EXPANSION Glassboro, New Jersey

JOHNS HOPKINS UNIVERSITY, THE SNF AGORA INSTITUTE Baltimore, Maryland

THOMAS JEFFERSON UNIVERSITY, SCHOOL OF NURSING CONSOLIDATION

Horsham, Pennsylvania

PENN STATE UNIVERSITY, JAMES BUILDING State College, Pennsylvania

**ACOUSTICS LEAD** 

CERAMI

### **ACOUSTIC ENGINEER**

CERAMI



**ANDREW ACQUAVIVA** 

ROWAN UNIVERSITY, CHAMBERLAIN STUDENT CENTER EXPANSION Glassboro, New Jersey

UNIVERSITY OF VIRGINIA ATHLETICS COMPLEX Charlottesville, Virginia

BARNARD COLLEGE, THE MILSTEIN CENTER New York, New York

NEW YORK UNIVERSITY, PHYSICS LABORATORY FACILITY New York, New York



**ANN VOGEL** 

KENT STATE UNIVERSITY, ROCKWELL HALL RENOVATION Kent, Ohio

ROWAN UNIVERSITY, CHAMBERLAIN STUDENT CENTER EXPANSION Glassboro, New Jersey

JOHNS HOPKINS UNIVERSITY, THE SNF AGORA INSTITUTE Baltimore, Maryland

UNIVERSITY OF VIRGINIA ATHLETICS COMPLEX Charlottesville, Virginia

# JAN MCCARTHY



InkSpot DESIGN Inc. has successfully teamed with SmithGroup on numerous projects over the years, to implement signage and wayfinding programs in coordination with the architecture and interior finishes. As the graphics and wayfinding consultant for the new Diebold facility, Jan will be the Principal to spearhead InkSpot's efforts from concept design through final documentation and contract administration, to the completion of the graphics program.

UNIVERSITY OF MICHIGAN, OPPORTUNITY HUB - #5
Ann Arbor, Michigan

WAYNE STATE UNIVERSITY, MIKE ILITCH SCHOOL OF BUSINESS

Detroit, Michigan

UNIVERSITY OF MICHIGAN, SCHOOL OF DENTISTRY EXPANSION & RENOVATION
Ann Arbor, Michigan



### FIRM HISTORY

#### **OUR FIRM**

SmithGroup is an award-winning, multi-national organization that employs research, data, advanced technologies and design thinking to help clients solve their greatest challenges. Our specialists develop beautiful, sustainable, future-focused solutions for cultural institutions, higher education, healthcare providers, science and technology organizations, urban environments, diverse workplaces, mixed-use and waterfront developments, and parks and open spaces. Our integrated practice offers depth in all disciplines serving the built and natural environment, including architecture, engineering, landscape architecture, urban design, and planning.

ENRICHING THE CULTURAL EXPERIENCE THROUGH DESIGN

In concert with our Higher Education Studio, the Cultural Practice operates as a boutique studio to provide innovative design solutions for museums, performance centers, and cultural institutions.

Our team of experts have dedicated their careers to providing creative solutions tailored to the unique challenges of each cultural project. Integrating architecture, engineering and planning, we design holistic solutions that embody our clients' aspirations, enrich our communities, and inspire learning and wonder. We are honored to have helped shape the legacy of many of the world's most iconic places and prestigious institutions — and we understand the educational mission of these cultural institutions, both object-based and experiential. We are honored to have worked with many of the world's most iconic places and prestigious institutions to deliver award-winning, meaningful projects.

As specialists, we do not have one or two individuals that we place on every cultural project. Our experience is as diverse as the institutions for which we work. We develop an understanding of the needs of each facility and institution, and provide a team outfitted with targeted experience.

SmithGroup's rich history of designing for more than 400 College and University campuses across the country is reflected by our ranking as a National Top 5 University Design Firm by Building Design + Construction's "Giants 300" report.



### **COLLABORATION**

While our team is experienced, they are always striving to better our 'product' for clients like you! SmithGroup team understands the value of collaboration. We have used various techniques tailored to fit our clients' specific goals. We will build on our experience to address the needs required of the Multicultural Center project. Some of the examples may apply while others may not considering this could be a renovation or a new building.

**Project Visioning.** Project Visioning sets expectations for all parties involved. For the Multicultural Center we anticipate an early session of Translation. We will build upon the set goals and principles that have been established to translate what the building's role will be within that vision. We implemented this session at **City College of San Francisco** on their new STEAM project. This will guide the project and translate the vision into physical design to support program elements.

Great Partners. SmithGroup also welcomes the participation of a construction manager (CM) early in the project and finds great value in this approach. Our team is adept at partnering with a construction team to use their expertise in the local economy and local trades to create design that optimize your resources for the project. This partnership is especially welcome on addition and renovation projects where a clear understanding of the built environment is critical, and exploration of hidden conditions may be necessary.

We Share. SmithGroup finds 3-dimensional modeling of the design to be an invaluable tool. Early in the design, conceptual models of the design can help give the users a better understanding of spatial volumes and relationships. This 3-dimensional model gets more detailed as the design progresses and becomes a tool that can be shared with the construction manager to provide a greater understanding of complex construction conditions and ties to existing structure. As construction commences, this tool can be pushed out to contractors so that detailed coordination can be done virtually with all parties engaged in real time. This process was implemented to great effect while working on the Michigan State University Grand Rapids Research Center.

Schedule Conscience. Schedule is often a driver but becoming more critical with the supply chain issues the industry is experiencing. We have been working to implement Design Assist on long lead items on projects such as Wayne State University, State Hall Renovations. On the University of Michigan Literature, Sciences & Arts Renovation we worked with the construction team to issue an early package for demolition which allowed early removal of walls and ceilings making it easier for future contractors to understand their starting point and took out the guess work saving time and dollars.

Submittal Efficiency. In many cases, a close-knit collaboration with the construction team helps our design team customize specification sections to allow for quick turnaround. In the past, we have allowed contractors to submit a simple letter sign-off in lieu of full submission when products are supplied consistently with the basis of design. This type of spec ensures a quality product while streamlining the purchase and order of that material.

Rest assured, your SmithGroup team is creative and will innovate and tailor the project to meet your needs.



### RACIAL INJUSTICE & ACTION

In 2018, we committed to design a better future for ourselves, our clients, and our communities.

Today, we pledge to confront our past and take actions to dismantle systemic racism, injustice, and inequity within SmithGroup, across our professions, and in the built environment. We will think critically and act boldly to design a better future that disrupts the systems that have caused great harm to Black, Indigenous and communities of color.



#### **OUR OVERARCHING PRINCIPLES:**

We acknowledge that our culture, projects and clients may have contributed to systemic racism.

We will hold ourselves and each other accountable for acting to dismantle systematic racism.

We will make changes that promote justice and equity at SmithGroup and in the built environment.

We will take actions that have an impact today while developing strategies for a just and equitable future.





#### SMITHGROUP IS COMMITTING TO THESE IMMEDIATE ACTIONS

We need to change our culture. This starts by looking at things through a different lens and including the right people in the process. Our new board committee for Justice, Equity, Diversity and Inclusion is empowered to review all our policies, processes, and metrics for dismantling systems that perpetuate injustice. This committee will have a direct voice and impact on the actions of our board and the firm.

We will increase our support of organizations seeking justice and equity. We will increase our financial support and our staff's time to work with and participate in educational, community and professional organizations that are seeking justice and equity in our communities and professions. We will solicit recommendations from staff and share with our clients, colleagues and allied organizations the importance of supporting these groups.

We do not work with facilities for mass incarceration.

We are publicly sharing our previous commitment to reject any work in planning and designing jails, detention centers and prisons. We are critically looking at our current and past portfolio to identify projects and clients that perpetuate systemic racism and discrimination. We will be clear in defining the projects and clients that we will not work on and why.

We commit to instituting an intentional recruitment and promotion plan to effectively increase and sustain diverse representation with a focus on advancing BIPOC talent within our firm leadership.

We will be transparent about how we plan to achieve diverse BIPOC representation in our hiring and promotion processes, including sharing all the data on our hiring and promotion statistics with our entire staff. We will continue to improve processes for attracting, hiring and retaining our BIPOC staff. We will define and share targets and goals for measuring our success in these activities.

We will invest in building the future talent pipeline and support underrepresented populations in our professions. We will expand our participation in programs with K-12 local schools and community organizations that engage youth in our work and our professions. We will increase the investment in our

annual Equity, Diversity and Inclusion Scholarship Program. We will work with colleges and universities to improve access and mentorship opportunities for underrepresented BIPOC populations. We will expand our collaboration with HBCUs in our projects and support more efforts to teach, share research and bridge the academy-practice divide.



# SMITHGROUP EQUITY, DIVERSITY, & INCLUSION SCHOLARSHIP PROGRAM

The SmithGroup Equity, Diversity and Inclusion Scholarship Program directly addresses barriers to success for future professionals. The application-based program honors SmithGroup interns from underrepresented demographic groups with tuition assistance and contribute to the advancement of their education and the profession.



### **WHY US**

With an important project like this, you undoubtedly will be engaging with other architects and planners. We hope to briefly describe why we think we may be different.

We are leaders in the cultural field. We believe well-designed cultural centers become visual symbols for their community and institution. We bring a full studio of interdisciplinary experts that have dedicated their careers to higher ed and cultural-focused projects like yours. We understand the contemporary challenges of these institutions. We will be at your side to craft a thoughtful design response that is rooted in the needs of your audience and your institution. Together, we'll create a design that presents a proud civic presence, positions MSU for future success, and serves as a powerful force to excite, celebrate, collaborate, and educate the world. We're committed to creating remarkable places that enhance our communities and celebrate our invaluable cultural heritage.

#### We are trusted advisors of Michigan State University.

Having worked on over a dozen projects at Michigan State, we have developed a trusted advisor relationship by embracing the University's philosophy, values and vision for the future, through listening and interaction. We stand behind the quality of our work and are committed to the University. Our knowledge of Michigan State and its campus and buildings, combined with our years of experience of working in Higher Education has given us the expertise and creative insight to bring this project to fruition.

We bring visionary design that is informed by your mission, not our ego. There are no preconceived solutions. Our award winning designers bring cultural, community and campus sensitivity, creativity, and innovation to every design—reflecting each mission, vision, and audience in engaging ways.

We are integrated, cross-disciplinary creative place makers. Our team brings a breadth of experience across disciplines and scales. We are integrated, working together seamlessly, and exploring holistic solutions from all angles at all scales.

We find collaboration necessary and engagement meaningful. We prioritize building consensus with students, faculty, staff, leadership and revel in collaborating with the entire team, and believe that the places we craft should amplify the voices and reflect the communities we serve.

We are devoted to justice, equity, diversity, and inclusion. We are committed to dismantling systemic racism, injustice, and inequity within our firm, across our professions, and in the built environment. We bring this to each project we pursue, team we construct, and design we deliver.



# **CERTIFICATION**

The information provided in this document is, to the best of my knowledge, current and accurate.

Tricia A. Beck, AIA, LEED AP

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Vice President | Higher Education Studio Leader

