MICHIGAN STATE UNIVERSITY
MULTICULTURAL CENTER
Qualifications for Architectural Services
SMITHGROUP
October 29, 2021
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:

<table>
<thead>
<tr>
<th>Project</th>
<th>Total Size ($)</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Ball State University, Cooper Science III</td>
<td>$49M</td>
<td>CD</td>
</tr>
<tr>
<td>Midwest Big 10, Confidential Project</td>
<td>$6M</td>
<td>SD</td>
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<td>Oakland University, Off Site Research Facility</td>
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<td>CD</td>
</tr>
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<td>University of Memphis, STEM</td>
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<tr>
<td>University of Michigan, School of Dentistry</td>
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<td>University of Tennessee, STEM</td>
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<td>Wayne State University, State Hall</td>
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UNIVERSITY OF COLORADO-DENVER STUDENT WELLNESS CENTER
III. CURRENT PERSONNEL BY DISCIPLINE

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Total</th>
<th>Licensed/Registered</th>
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<tr>
<td>Architects</td>
<td>101</td>
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<tr>
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<tr>
<td>Electrical Engineers</td>
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<td>Civil Engineers</td>
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<tr>
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<tr>
<td>Other Engineers</td>
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<td>Landscape Architects</td>
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<td>Interior Designers</td>
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<td>Support, including,</td>
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<td>accounting, legal,</td>
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<tr>
<td>network, and risk</td>
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<td></td>
</tr>
<tr>
<td>management</td>
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</tr>
</tbody>
</table>

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

IV. PROFESSIONAL SERVICES RESPONSIBILITIES

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Firm Performing</th>
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</thead>
<tbody>
<tr>
<td>Architectural</td>
<td>SmithGroup &amp; SDG</td>
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<tr>
<td>Structural Engineering</td>
<td>SmithGroup</td>
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<td>Civil Engineering</td>
<td>Onyx Enterprises</td>
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<td>SmithGroup</td>
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<td>Acoustical</td>
<td>Cerami Associates</td>
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<tr>
<td>AV</td>
<td>Cerami Associates</td>
</tr>
<tr>
<td>Cost Estimating</td>
<td>KAS Estimating Services</td>
</tr>
<tr>
<td>Signage and Wayfinding</td>
<td>InkSpot Design</td>
</tr>
</tbody>
</table>
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 APPROACH**

**DESIGN PROCESS**

**Fresh Lens.** We will bring a fresh lens to the work completed to date. Our team will ask questions and poke at ideas to understand priorities so we can align with your vision. We will inquire about the program as it stands, budget, sustainability goals, etc. Our approach for this project reflects a collaborative effort across professionals who have demonstrated great success in design for higher education, civic and cultural place making projects.

**Existing Conditions.** We will become familiar with the International Center’s existing conditions. Renovations can transform and renew existing facilities into amazing, forward-thinking designs. The most sustainable building is one that already exists. A renovation, if selected, would speak volumes to the importance of MSU’s impact on the environment and carbon footprint.

**Explore.** We will produce concept options based on all of the above information. Our integrated team will suggest creative and innovate solutions to meet the goals of the project. Communicating with the University, we will look at cost modeling these concepts with our estimators and/or a CM. Once a preferred option and site is selected, the traditional design process will progress.

**Framing the Vision Workshop.** We will host a Framing the Vision Workshop to first understand the vision and principles that drove the study and then begin to translate those to understand what the building’s role will be within that vision. We will work through how the Multicultural Center can advance design justice and become unique to MSU. This will be a key workshop where the vision will begin to morph into a physical design to support the program elements.

**Site Analysis.** Our SmithGroup team brings an understanding of MSU’s campus master plan and what a project needs to provide a sense of ‘place’. Both sites are prominent—placing diversity and inclusion at the heart of campus giving great visibility and importance. Located at a major north-south connector, central to both campus areas with the opportunity for outdoor plaza space for events and activities for all to be welcomed from both the campus and greater community. We will analyze each location to help guide the overall direction.

**Synthesis.** Our team will synthesize the concept work done to date. We will overlay the re-framed vision, priorities, and input.

**Traditional Design Process.** The traditional design process continues with testing desired programs and juxtapositions, which includes alternative concept design development of various building and site approaches, considering layout, programming, site circulation, view corridors, site materials and lighting design. Confirmation of preferred direction through workshops that share the design approach, rationale, and responses to key design drivers.

**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

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.

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

BEFORE

SHARED MEETING SPACE
STUDENT SUCCESS
FLEXIBLE EXHIBIT/RECEPTION SPACE
STUDENT STUDY
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 design—we beat out national competition to provide design services and explore the viability of the University’s first Net Zero Energy ready building.
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.
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.
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.
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.
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.
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.
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:
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.

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.
PRINCIPAL-IN-CHARGE

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.

PROJECT MANAGER

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.
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.
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

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
QC & PROJECT REVIEW

WILLIAM SPINKS
RA

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.

LIGHTING DESIGNER

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.

DUNBAR HIGH SCHOOL
Washington D.C

NEW SANCTUARY FOR GREATER GRACE CHURCH
Detroit, Michigan

DETROIT HOUSING COMMISSION
Detroit, Michigan

DDOT COOLIDGE TERMINAL FACILITY ASSESSMENT
Detroit, Michigan

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

Senior Project Engineer

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

Project Engineer

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

QC & Project Review
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.

Haley Sadlier

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

NAOMI ADISA

JOHN A. DOIYNER POLICY INSTITUTE & DOW BUILDING EXPANSION
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

QC & PROJECT REVIEW

SMITHGROUP

DAN YENSCHE

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**

**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.

**LANDSCAPE ARCHITECT**

**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

**SMITHGROUP**

**CAMPUS PLANNER**

**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

**SMITHGROUP**

**ONYX ENTERPRISES**
RAHUL DESAI
PE

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

KHALID SUHAIL

Khalid has over 30 years of experience developing and preparing pre-construction 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

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
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.
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.

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**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
Vice President | Higher Education Studio Leader