THE POWER OF YOU MAKES IT POSSIBLE.

For more than 50 years, the William States Lee College of Engineering has been one of the finest academic engineering institutions in the Southeast. Through *Exponential: The Campaign for UNC Charlotte*, we will increase our growth trajectory as our talented students and expert researchers solve today’s problems and prepare to tackle the challenges of the future.
Having grown up on a farm, Kaitlyn Chapman ’16 always felt connected to animals and nature, sparking a career emphasis on sustainability. At UNC Charlotte, scholarships gave her the time to follow that interest beyond the classroom and “find out who I really am,” rather than working to pay for tuition, she says.

As an undergraduate student in the Civil and Environmental Engineering Department, Kaitlyn has interned for the Sustainability Department, the Environmental Defense Fund and the Karlsruhe Institute of Technology in Germany. She volunteers with several sustainability initiatives, including the Charlotte Green Initiative, Student Sustainability Conference and Zero-Waste Football Stadium. Her Levine Scholar service project involves obtaining Green Globe sustainability certification for the new Levine Hall, working with another Scholar to check hundreds of compliance indicators, as well as to raising student awareness of the importance of certification. Kaitlyn also mentors younger engineering students and is active with the Engineering Leadership Academy and the American Society of Civil Engineers.

After graduation, Kaitlyn will be employed by a Raleigh land development company, with an eye toward future studies in urban planning. “I’d like to further develop the idea of sustainable land use in an urban environment,” she says.
Discovering, integrating, applying and disseminating knowledge—that’s what we do at the William States Lee College of Engineering. As technology advances, as Charlotte’s future unfolds, we need to rise to the challenge and do even more. Through our priority areas, we can reinforce our team, renew our drive to advance and achieve ambitious goals—for our students, our communities and our economy.

ENCOURAGING BIG IDEAS

NinerSpace: A Cross-Disciplinary Lab for Entrepreneurship and Innovation—$10 million

To engage students in entrepreneurship and real-world experiential learning, UNC Charlotte proposes a makerspace facility dedicated to interdisciplinary academic and private-sector projects. This innovation center will provide a home for an emerging generation of students to develop promising ideas and bring their inventions to realization. Disciplines involved will include engineering, business, computing, biology, chemistry, health and human services, and more.

To nurture and develop meaningful collaboration among entities, we envision a rotating endowed chair position, named professors in at least three different colleges, a high-visibility lecture series, prizes for innovation and entrepreneurship, and upgrades to the Industrial Solutions Laboratory.

Constructed in coordination with plans for light rail and a conference center, the facility will foster new forms of community engagement, leading to new opportunities for student learning. This space will complement the PORTAL building and...
programs by vertically integrating innovation and entrepreneurship into UNC Charlotte’s academic programs.

THE POWER OF EDUCATION
Pathways to Engineering Leadership—$5 million

This campaign initiative unites and strengthens the most successful engineering scholarship programs to provide maximum opportunities to recruit top students and build a diverse student body. We seek to endow need- and merit-based scholarships, create a student community service grant fund, and fully endow the Engineering Leadership Academy. Through the Pathways to Engineering Leadership initiative, new scholarships will open our doors to more minority students, women, community college graduates, socioeconomically disadvantaged students, first-generation college students, adult learners and military veterans.

DRIVING NORTH CAROLINA INDUSTRY
Advanced Economic Development Program—$16 million

To advance the interconnected “triple bottom line” concept of vibrant community, vital economy and valued sustainable environment, the Lee College of Engineering has its own three-pronged focus. We need to attract the best students and the best faculty, and offer them the best facilities so their ideas can drive North Carolina industry.

Building on the strengths of our Center for Precision Metrology, Energy Production and Infrastructure Center, and Infrastructure, Design, Environment and Sustainability Center, we propose a cross-disciplinary program to develop graduate fellowship endowments, named professorships, endowed visiting faculty positions and lab support funding throughout the college. This collaborative funding program will maximize the impact of our research and academics, engaging existing industry and helping attract new talent to the region. As the program grows, we anticipate support of student sustainability projects, new energy and manufacturing laboratories, and an increasing commitment to the international sharing of ideas.
UNSTOPPABLE MOMENTUM

The William States Lee College of Engineering provides top-quality engineering education at the undergraduate and graduate levels at an affordable price, supporting access and opportunity that remain core to UNC Charlotte’s values and mission. The value of our degrees continues to rise as the college grows in recognition and prestige. At the same time, our research centers are important economic drivers for North Carolina in the fields of energy, biomedical engineering, motorsports, transportation, manufacturing, electronics, environment, structures, fire protection and construction management.

The future is even more exciting. The city of Charlotte is on the move, and so is the Lee College of Engineering. Through this campaign, we will be able to attract and enroll the best students, from diverse backgrounds, and prepare them as tomorrow’s engineering leaders. We will enhance our ability to spur economic development in our region and our state, emphasizing innovation and entrepreneurship. We will grow our programs in urban sustainability and maintain our world-class reputation in advanced manufacturing as technology changes.

An investment in the Lee College of Engineering promises exponential rewards for students, faculty and staff, and for our region’s economic engine. Join us in multiplying opportunity, resources, talent and impact through Exponential: The Campaign for UNC Charlotte, and discover the power of you.

EXPONENTIAL: THE CAMPAIGN FOR UNC CHARLOTTE

North Carolina’s fastest-growing public university has been both the vehicle for and the power behind the exponential rise of our students, who have helped fuel our region and our economy. Each day we multiply intellectual capital, human curiosity, and a wealth of student and faculty talent by the factor of bold commitment. Exponential: The Campaign for UNC Charlotte offers you the chance to be an essential (and exponential) part of our growth, our success, our ability to provide opportunities to dedicated and committed students, and our mission of lifting our region and our citizens even higher.

EXPONENTIAL
THE CAMPAIGN FOR UNC CHARLOTTE

UNC Charlotte Foundation
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