The Charlotte Research Institute is your Greenprint for research breakthroughs. We are purposefully organized to fuel innovation through collaboration between UNC Charlotte academic talent, industry, entrepreneurs, and government agencies.

With 15 interdisciplinary research centers, six NSF Industry-University Cooperative Research Centers, scientists based at the North Carolina Research Campus, and the brightest minds in the region, we will light up your research. Whether strengthening cybersecurity, developing new and better ways to deliver energy to our world, or uncovering new discoveries in wide ranging areas, the Charlotte Research Institute is specifically created to help you achieve research results.
THESE THREE WORDS PUSH OUR INNOVATORS AHEAD OF THE PACK. At UNC Charlotte, Fortune 500 companies and entrepreneurs connect with our thought leaders. Together we spark ideas and change the business landscape. The Charlotte Research Institute offers more than 100,000 SQ. FT. of on-campus premium lab and office space, intertwining industry and government partners with one of the country’s fastest growing four-year public research universities. No matter where you are on campus — our award winning PORTAL innovation building, a hi-tech lab, or just grabbing a cup of coffee — you are rubbing shoulders with like-minded and results-driven pioneers.
INTERDISCIPLINARY BASIC TO APPLIED
UNCLASSIFIED TO CLASSIFIED
ACADEMIA INDUSTRY & START-UP
GOVERNMENT

POWERED BY
CHARLOTTE RESEARCH INSTITUTE.

CRI MISSION:
Maximize partnerships. Create interdisciplinary research teams. Generate results.

Never again be the smartest person in the room.

At UNC Charlotte, intellectual capital grows every day. The Charlotte Research Institute is the portal through which industry and government partners tap into our exceptional research capabilities. Our interdisciplinary research centers and knowledge clusters are designed to address partner-identified challenges, support unclassified and classified research initiatives, and deliver desired outcomes. Our shared research potential is limitless, and we invite partnerships in pioneering fields that include the following.

- PRECISION METROLOGY
- DATA SCIENCE, ANALYTICS, AND VISUALIZATION
- LIFE SCIENCE AND CANCER RESEARCH
- ENERGY PRODUCTION AND INFRASTRUCTURE
- METAMATERIALS
- FREE FORM OPTICS
- ROBOTICS AND SENSING TECHNOLOGY
- INFRASTRUCTURE, DESIGN, ENVIRONMENT AND SUSTAINABILITY
- BIOMEDICAL ENGINEERING AND SCIENCE
- CYBERSECURITY
- MOTO SPORTS AND AUTOMOTIVE ENGINEERING
- OPTOELECTRONICS AND OPTICAL COMMUNICATIONS
- BIOINFORMATICS
- NANOSCALE SCIENCE
- HEALTH INFORMATICS
- ADVANCED MANUFACTURING
Pioneers know that location matters, and we’re no exception. The Charlotte Research Institute is conveniently located off of I-85 and I-485 on the beautiful 1,000-acre campus of UNC Charlotte. Just a short drive from the Charlotte Douglas International Airport and right next to Charlotte’s largest research park, CRI provides the perfect environment to take you from research idea to commercial product. And, starting in 2017, the light rail will connect CRI with Uptown Charlotte, creating a direct conduit between us and America’s 2nd largest financial center.
TOGETHER,
PIONEERS GO FURTHER.

Start laying the Greenprint for your own business and research breakthroughs. Contact the Charlotte Research Institute today. A trip to our website or a quick phone call is all it takes to plug into the pioneering power of UNC Charlotte.

LET'S DISCOVER TOGETHER.

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