Multiple Tenure-Track Positions in Metrology & Advanced Manufacturing at UNC Charlotte

**Recognition:** An extensive evaluation of research programs at UNC Charlotte identified *Advanced Manufacturing and Metrology* as one of the University's six "Areas of Existing Excellence" based on the achievements of the faculty, staff, and graduates of our programs. This recognition will be used to focus strategic institutional investments and future research development support.

**Opportunity:** The department of Mechanical Engineering & Engineering Science is a vital and diverse group of over 40 faculty who teach and pursue research in a collegial, collaborative environment. Research centers within the college of engineering focus on precision metrology and advanced manufacturing, biomedical engineering, automotive and motorsports, freeform optics, and energy production and infrastructure. These are reflected in the department's undergraduate concentrations in Motorsport, Energy, and Biomedical Engineering. Faculty have both the access and support of laboratories and shop facilities, with the freedom to pursue their passion in our ever-growing institution.

**Infrastructure:** Faculty have access to state-of-the-art manufacturing and metrology equipment, including bridge CMMs, laser trackers, tactile profilometers, coherent scanning interferometers, structured light systems, an articulated arm CMM, 5-axis diamond turning machines, high-speed machining centers, CNC lathe and mills, and much more (see https://cpm.charlotte.edu/cpm-brochure).

**Location:** UNC Charlotte is located approximately 10 miles Northeast of Charlotte, NC on 1000 acres of lush campus. The Piedmont region of North Carolina enjoys comfortable weather throughout the year, with both the Blue Ridge Mountains and the Atlantic Ocean a short trip away. Charlotte is one of the fastest-growing urban centers in the Southeast, and the Charlotte Douglas International Airport, 15 miles from campus, provides direct flights to nearly 180 domestic and international destinations, facilitating faculty travel.

Interested? Please see the formal job opportunity at the link below.

https://jobs.charlotte.edu/postings/38885