TECHNOLOGY + DESIGN INTEGRATION
University of North Carolina at Charlotte
School of Architecture (SoA)

Position 004010: TECHNOLOGY + DESIGN INTEGRATION

The School of Architecture (SoA) at the University of North Carolina at Charlotte invites applications from outstanding candidates for a tenure-track position in Building Technology at the rank of Assistant Professor. As digital technologies transform the building industry, from the techniques used to design and execute buildings to the technologies and systems deployed within them, the SoA seeks to expand its instructional and research capacity in innovative building technologies. This position will support the SoA's aspiration to be a leading edge research institution in building technology and design integration with distinctive contributions in the areas of regenerative systems design, design computation and robotics, and emergent materials and applications. The successful candidate will collaborate with colleagues in SoA's state-of-the-art research, fabrication, and computation labs, and will have opportunities to enhance partnerships with engineering, computer science, and allied fields.

Responsibilities include: teaching undergraduate/graduate university classes in required core courses that may include building technology courses, architectural design studios, and elective courses with an emphasis on innovative structural assemblies, material systems and/or integrated design. Successful candidates will demonstrate a vigorous and innovative research trajectory with a potential for growth and be willing to advise graduate students. Particular interest will be given to applicants who engage in computational methods and advanced technologies such as robotics and/or fabrication as part of their teaching, design and/or research.

Applicants should demonstrate the ability and/or potential to be an enthusiastic and effective teacher of design and building technology. Evidence of excellence in emerging and peer-reviewed research, published design work and scholarship, design awards, research grants and/or design practice is required. An advanced degree in architecture, engineering, or related field (e.g., M.Arch, M.S., and/or other equivalent degree) is required. Particular interest will be given to applicants that have a professional license (RA or PE) and/or a DDes/PhD in a relevant field.

The SoA offers four-degree programs: Bachelor of Arts in Architecture (B.A. in Arch.), Master of Architecture (M.Arch.), Master of Urban Design (MUD), Master of Science in Architecture (M.S. in Arch.), as well as dual-degree programs in Architecture + Urban Design and Architecture + Computer Science.

The SoA is committed to a culturally and intellectually diverse environment that supports a broad range of opportunities for scholarly work. UNC Charlotte is an urban research university in which faculty and students are supported by exceptional facilities and a dynamic metropolitan landscape. We celebrate diversity that includes, but is not limited to, ability/disability, age, culture, ethnicity, gender identification, language, race, religion, sexual orientation, and socio-economic status. We strongly encourage applications from women and members of under-represented groups and expect all applicants to identify assets that address our diverse student population.

Qualified applicants must complete the online faculty application at https://jobs.uncc.edu. Application requirements include 1) cover letter, 2) statement on research interests and objectives; 3) statement on pedagogical philosophy and teaching interests; 4) statement on approaches to diversity in the classroom, profession, and/or research; 5) annotated portfolio; and 6) CV including contact information for three

references. Review of applications will commence December 1, 2021 and will continue until the position is filled. Employment begins August 15, 2022. Questions regarding the above position may be directed to the Search Chair, Marc Manack at mmanack@uncc.edu.

UNC Charlotte is an Equal Opportunity Employer/Affirmative Action Employer (EEO/AA).