Research Fellowship in Emerging Technology + Design
University of North Carolina at Charlotte
School of Architecture (SoA)

The School of Architecture (SoA) at the University of North Carolina at Charlotte invites applications for a two-year Research Fellowship in Emerging Technology and Design in architecture. As new material and 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 established research trajectory in innovative technology applications in the built environment.

The Research Fellow will have the opportunity to develop a research agenda and collaborate with colleagues in SoA's state-of-the-art research, fabrication, and computation labs as well as colleagues in engineering, computer science, and allied fields. The successful candidate will contribute to advanced building technology in both design research and teaching, the outcomes of which include publications, workshops, exhibitions, and public presentations. The Research Fellow will have the opportunity to advance research projects within the Integrated Design Research Lab and contribute to activities such as grant proposal writing, prototyping, simulation, experimentation, data collection and processing, and peer-reviewed publications. The Fellow will be expected to teach a reduced course load (one course per semester) in building technology and/or design studio instruction.

Applicants must demonstrate their ability to be an effective researcher, designer, instructor, and collaborator. Preference will be given to candidates who integrate computational methods and techniques in their research and teaching. Evidence of published design work, research projects, grant awards, and/or scholarship is required. An advanced graduate degree in Architecture, Building Science, Design Computation or related field is required; a PhD or DDes is preferred. The Research Fellowship is a two-year, 12-month EHRA non-tenure track position directed at emerging scholars in building technology and design.

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 application at https://jobs.uncc.edu (position #004033). Application requirements include 1) cover letter, 2) statement on research interests and objectives; 3) statement on teaching interests; 4) statement on approaches to diversity in the context of research and teaching; 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. Questions regarding the above position may be directed to the Search Chair, Marc Manack at mmanack@uncc.edu.