



UNC CHARLOTTE

College of Arts + Architecture

School of Architecture

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**Faculty Position in Advanced Design Computation  
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 tenure-track position in Advanced Design Computation at the rank of Assistant or Associate Professor. The SoA is advancing a new Master of Science in Architecture degree program and expanding a two-year dual degree program in Design Computation ([descomp.uncc.edu](http://descomp.uncc.edu)). The SoA seeks to enhance its instructional and research capacity in advanced computational methods and design. The faculty seek candidates who are able to work across disciplines to extend the practice of architecture through the development of transformative methods in areas such as visual analytics, information modeling, human-computer interaction, environmental behavior, material performance, robotics, digital manufacturing and building simulation in support of advancing excellence in the design of the built environment. Particular interest will be given to applicants with experience developing advanced computational solutions to architectural design problems. The successful candidate should be able to join existing and expanded interdisciplinary collaborations with colleagues in the College of Computing and Informatics and on-going work with the Charlotte Visualization Center, the Interaction Design Lab, and the Human Computer Interaction Lab.

Responsibility includes computational research methods and advanced seminars including but not limited to computational methods and practices, scripting and computational-based design studios, as well as collaborative engagement with SoA's laboratories and interdisciplinary initiatives in the digital arts and design sciences. The successful applicant will join the collaborative work in the SoA, currently focused on the areas of interactive architecture, visual analytics, data visualization and CNC production in a state-of-the-art digital fabrication lab. Evidence of published computational-based design work, research and/or scholarship is required. A PhD or post-professional degree in Architecture with a concentration in Computation is desired; a professional degree in architecture is required. Applicants who hold degrees in both architecture and computer science and/or who have professional experience in both fields are strongly encouraged to apply.

The SoA offers four degree programs: Bachelor of Arts in Architecture (B.A. in Arch.), Bachelor of Architecture (B.Arch.), Master of Architecture (M.Arch.) and Master of Urban Design (MUD), as well as dual-degree programs in Architecture + Urban Design and Architecture + Computer Science. The School is committed to a culturally and intellectually diverse environment with a broad range of opportunities for creative work. Faculty and students are supported by exceptional facilities and a dynamic metropolitan landscape. The School is committed to an academic climate in which the dignity of every individual is respected. 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. Faculty appointment will commence August 15, 2017.

Qualified applicants must complete the online faculty application at <https://jobs/uncc.edu> (position #4002). Application requirements include 1) a cover letter, 2) CV, 3) Letter of interest including statements of pedagogical and research objectives, 4) an abridged portfolio, and 5) contact information for three references. Review of applications will commence January 9, 2017 and will continue until the position is filled. Questions regarding the above position may be directed to Chris Jarrett at [chjarrett@uncc.edu](mailto:chjarrett@uncc.edu).

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