Assistant Professor – Design and Computation

The John H. Daniels Faculty of Architecture, Landscape, and Design, University of Toronto, invites applications for Assistant Professor in Design and Computation. This is a Contractually Limited Term Appointment of three (3) Years, effective July 1, 2018, or as soon as possible thereafter.

Set within a preeminent research university and located at the center of one of North America's most cosmopolitan cities, the Daniels Faculty uniquely combines the disciplines of architecture, landscape architecture, and urban design in undergraduate, graduate, and professional programs. The Daniels Faculty explores the intersections between nature, technology, architecture, and various built geographies in a way that situates design to meet its contemporary challenges. An emphasis on the connections between all of the design disciplines at work in the remaking of the built environment is apparent in the scholarly research and built work of many of our faculty. Following a decade-long transformation of the school's faculty and professional programs, and a recent, major increase in its endowment, the Faculty is expanding its undergraduate and graduate programs. To accommodate both growth in its curricular offerings and an increase in its research and outreach programs, a new building complex for the Faculty has just been completed on Toronto's historic One Spadina Crescent.

We are looking for a candidate with a research agenda in any area at the intersection of design and computation, including but not limited to visualization, simulation, modelling, generative and parametric design, digital fabrication and construction processes and technologies, building information modeling (BIM), and software and hardware development of advanced tools for spatial design and analysis. Candidates should have the capacity to contribute to all design disciplines represented at the Daniels Faculty of Architecture, Landscape, and Design. For more information please visit our home page at http://www.daniels.utoronto.ca/.

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416-978-5038

Candidates must be engaged in research of an international caliber with demonstrated excellence in teaching. A professionally accredited degree in Architecture is required. A degree at the Master's level, in Architecture, or a related field, is also required. A Ph.D. in architecture, engineering, computer science, or a relevant field by the time of appointment, or shortly thereafter is highly preferred. Candidates with combination of an advanced master's degree in architecture, or a related field, and an exceptional portfolio of professional work and record of excellence in research may also be considered.

Candidates' record of excellence in research must be evident through publications, presentations, exhibitions, and other forms of peer recognition for creative and/or technically-oriented work. Excellence in research should be demonstrated by publications in recognized field-relevant journals (or leading publications in the field), forthcoming high impact publications or research in progress that targets such publication venues; emerging participation in research projects and networks operating at high, international standards; emerging record of participation in innovative building or planning-based projects; organization of, or representation in significant exhibitions; presentations at significant conferences; strong endorsements by referees of international stature; and other honours and awards.

Candidates must have a strong demonstrated commitment to teaching excellence, and to contributing to the enrichment of undergraduate and graduate programs at the Daniels Faculty. These would include the Bachelor of Arts, Architectural Studies, Professional Master's programs in Architecture, Landscape Architecture, and Urban Design and the delivery of a new Ph.D. in Architecture, Landscape, and Design Studies. Excellence in teaching should be demonstrated through teaching accomplishments, a teaching statement, strong teaching evaluations, and a teaching dossier submitted as part of the application, and strong letters of reference. This evidence can include experience in curriculum development; participation in delivering successful workshops, seminars or studios; or publications and/or presentations related to pedagogical innovation.

The position will include opportunities for the candidate to collaborate with UofT colleagues in Planning/Geography, Art, Environment, Computer Science, Engineering, and Public Health, among others, as well as operational staff, and external academic and industry partners. University of Toronto faculty have access to the Canadian Research Councils, which offer grants and research funding opportunities that are unique within North America.

Salary will be commensurate with qualifications and experience.

Applications must include a cover letter, curriculum vitae, brief research and

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teaching statements, teaching dossier including evaluations, two examples of publications, research, or design work. If you have questions about this position, please contact the Dean's Office (Daniels-Dean@daniels.utoronto.ca or 416-978-6192).

Please combine attachments into one or two files in PDF/MS Word format. Submission guidelines can be found at: http://uoft.me/how-to-apply.

Applicants should also provide the names and contact details of three referees directly to the department via e-mail to Daniels-Dean@daniels.utoronto.ca by the closing date.

Review of applications will begin on May 21, 2018, however applications will be accepted until the position is filled.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see http://uoft.me/UP.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

To apply, please do so using the following link:
https://utoronto.taleo.net/careersection/10050/jobdetail.ftl?job=1801212&tz=GMT-04%3A00

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