

## Vacancy Advertisement for QTTSC

Job Title: Assistant/Associate Research Professor in Transportation Engineering  
Location: Doha, Qatar  
Department Name: Qatar Transportation and Traffic Safety Center (QTTSC)  
College of Engineering  
Qatar University

### College/Department Profile:

#### Qatar University Profile

Qatar University is the premier national institution of higher education in the country and, consequently, enjoys the enthusiastic support of its government and citizens. With vibrant undergraduate and emerging graduate programs, the University offers the widest array of academic and community outreach programs and research related to national needs and priorities. Qatar University has an international faculty dedicated to the education of its 15,000+ students and, increasingly, to building strong graduate programs and research capabilities with emphasis on addressing national and regional needs and priorities. The University is located in Doha, Qatar, a vibrant modern city that welcomes visitors and residents from around the globe.

Qatar University is based in Doha, Qatar, and the selected applicant is expected to be based there. Qatar University is a leading research institution in the Middle East, with 10 interdisciplinary research centers, over 133 research collaborations with leading institutions across the world.

For more on Qatar University, please visit <http://www.qu.edu.qa/>

For more on Qatar Transportation and Traffic Safety Center, please visit <http://qttsc.qu.edu.qa/>

For more on Doha, Qatar, please visit <http://www.qatartourism.gov.qa/>

#### College Profile

Established in 1980, the College of Engineering offers degree programs in the fields of Architectural, Chemical, Civil, Electrical, Mechanical, Industrial and Systems, Computer Science and Computer Engineering with the primary goal of preparing Qatari engineers with outstanding scientific and technical competencies to enable them to participate and contribute in the various aspects of the country.

#### Qatar Transportation and Traffic Safety Center (QTTSC)

QTTSC was established in 2012 as a research entity in the State of Qatar that provides guidance and consultation to improve the safety, efficiency and sustainability of transportation and traffic for Qatar with a global presence. It fulfills the role of the university to advance knowledge and contribute to the needs and aspiration of the society with regards to the field of transportation and traffic safety.

Duties & Responsibilities:

Application Deadline: Open until filled

Position Category: Academic

Employment Type: Full-time

Anticipated Starting date: January/Fall 2020

Position Term: 3 years (renewable)

Duties and Responsibilities:

The applicant is expected to (not limited to):

- Successfully conduct independent and collaborative research in areas related to transportation engineering, which is tailored to the needs of QTTSC, Qatar University and the State of Qatar.
- Support QTTSC activities in the area transportation engineering or related fields.
- Apply and secure external funding for research activities related to transportation engineering within the requirements of QTTSC.
- Engage in outstanding scholarly activities leading to national, regional and international recognition.
- Promote partnerships and support collaboration with external organizations inside and outside Qatar.
- Conduct specialized workshops such as short courses or seminars on contemporary issues related to transportation engineering.
- Teach one course per academic semester.
- Supervise graduate (M.S.and Ph.D.) theses.
- Assist in preparing the lab budget, annual reports, and strategic plan.
- Assist in the acquisition and management of research equipment and infrastructure.
- Disseminate research results through internationally recognized peer reviewed high impact journals, educational programs and presentations.

Qualifications:

Candidates must have doctorate degree (Ph.D.) in Civil Engineering or a closely related field from an internationally recognized university with an outstanding research profile in transportation engineering and must demonstrate:

- Evidence of active research, service and scholarly activities.
- Evidence of obtaining research grants from external stakeholders such as government agencies or industries.
- Record of strong peer-reviewed publication in high-impact journals.
- Research experience in one or more of the following areas: advanced smart urban transport systems; intelligent transportation systems; advanced data collecting, analysis and intelligent support for decision making; modelling, optimization and evaluation in smart transport; integrated urban passenger and freight/marine/air/rail transportation systems.

- Experience in supervising research work of graduate and undergraduate students.
- Knowledge of current trends in the professional practices in the field.
- Excellent written and oral communication skills.
- Teaching experience at tertiary level.
- Familiar with educational technologies used in higher education.

Salary and benefits:

- A three-year renewable contract.
- Salary is commensurate with experience.
- Tax-free salary.
- Furnished accommodation in accordance with QU HR policies.
- Annual round trip air tickets for the faculty member and dependents in accordance with QU HR policies.
- Educational allowance for candidate's children (eligible candidates only) in accordance with QU HR policies.
- Private health care and health insurance in accordance with QU HR policies.
- Annual leave in accordance with QU HR policies.
- End-of-contract indemnity.

Required Documents:

- Cover letter.
- Current Curriculum Vitae.
- Teaching, research, and service statement.
- Three referees' letter with contact information (physical and email addresses as well their telephones contact).
- PhD Transcript.
- Any additional documentation that you feel is relevant to your application.

How to Apply:

- Returning Applicant: Please login in QU Recruitment Online website (<https://careers.qu.edu.qa>) to update/edit your saved profile and provide all the requested documents. Use this profile to apply for this position.
- New Applicant: You need to setup an account with QU Recruitment Online website (<https://careers.qu.edu.qa>) and complete your personal profile. Once your profile is complete you may use it to apply for an open position and provide all the requested documents.