The University of Tennessee at Chattanooga
College of Engineering and Computer Science
Department of Civil and Chemical Engineering
Assistant Professor in Intelligent Transportation System & Data Analytics
Position# 50048491

The Department of Civil and Chemical Engineering at the University of Tennessee at Chattanooga invites applications for a tenure-track faculty position in the general area of transportation engineering with an emphasis on Intelligent Transportation Systems beginning August 1, 2018.

The Civil and Chemical Engineering Department (http://www.utc.edu/college-engineering-computer-science/programs/chemical-engineering/), part of the College of Engineering and Computer Science, offers ABET-EAC accredited B.S.Ch. E. and B.S.C.E. degrees.

We are looking for candidates with a strong background and interest in algorithms, modeling, data analytics and/or software systems as they apply to *crash avoidance and vehicle control systems, transportation systems modeling, cyber-security, agent-based modeling of transportation systems, human-machine interfaces, autonomous and semi-autonomous vehicles, analysis of large-scale transportation datasets, sustainable management of roads and bridges, or cyber-physical systems in transportation*. The position is expected to be at the rank of assistant professor, although exceptional candidates at all ranks will be considered.

Successful candidates will possess the following requirements:

- Ph.D. in Civil Engineering or closely-related field.
- Ability to teach introductory/advanced courses in Civil Engineering.
- Ability to conduct high-quality research supported by externally attracted and funded grants, teaching, and professional development.
- Ability to teach using a variety of instructional modalities, including online instruction.
- Ability to reach goals specified in UTC's Strategic Plan including a demonstrable commitment to diversity and inclusion.

Application Procedures:

Applicants should prepare to submit the following information within our online application system for consideration:

- Cover letter/letter of interest
- CV, including up-to-date, personal contact information (email, phone, etc.)
- Unofficial transcripts
- Work samples of curricula

Additionally, candidates will need to include names, titles, and email addresses for three (3) references for confidential letters of recommendation to be requested.

Review of applications will begin immediately and continue until the position is filled.

Applications **must** be submitted electronically through the UTC Faculty Career Site by visiting:
https://ut.taleo.net/careersection/utc_faculty/jobdetail.ftl?job=17000001D5

The University of Tennessee at Chattanooga is the second largest school in the University of Tennessee System, serving a diverse student body of more than 11,000 undergraduate and graduate students through five academic colleges. UTC offers a unique blend of private and public school traditions and is a driving force for achieving excellence, embracing diversity, inspiring positive change, and enriching the community. Since its founding as Chattanooga University in 1886, UTC has developed a reputation for excellence built on an unusual blend of the private and public traditions of American higher education. For more than 83 years, the university was a private school. In 1969, UTC became part of the state university system. Today, UTC is on a journey to excellence - boldly embracing a passion for excellence in all things and focused on changing lives and transforming communities. The UTC commitment—each and every day—is to earn the trust and confidence of those we serve. Our goal is to make a difference in our community and in the lives of our students.

Chattanooga, the fourth largest city in the state, is located in Southeast Tennessee near the border of Georgia at the junction of four interstate highways. The city has received national recognition for the renaissance of its beautiful downtown and redevelopment of its riverfront. Chattanooga also has the fastest internet in the country. Home to the first Gig Internet in the United States, Chattanooga has a 100% fiber network that links every home and business in a 600-square mile area. Companies like Unum, McKee, U.S. Xpress, Volkswagen, Coke United and Amazon.com have chosen to set up shop in Chattanooga. Attractions such as the Tennessee Aquarium, Lookout Mountain, Civil War battlefield sites, the African American Museum, and the Appalachian Trail bring thousands of people to the area, as do events like the Riverbend Festival, Nightfall, Jazzanooga, the Creative Discovery Museum for Children, and the Southern Writers Conference. Chattanooga is the home to the seven-time NCAA Southern Conference Football Champions, The University of Tennessee at Chattanooga Mocs. People who love the outdoors use Chattanooga as a base for hang-gliding, bass fishing, mountain climbing and caving expeditions; the beautiful Smoky Mountains and Tennessee River support the greatest variety of flora of any area in the United States. Chattanooga also has a long and rich past with regard to diversity, which includes Native American heritage, Civil War history, and the Civil Rights movement. Chattanooga is also just a two hour (or less) drive from Atlanta, Nashville, Knoxville, and Birmingham.

The University of Tennessee Chattanooga is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution. All qualified applicants will receive equal consideration for employment and will not be discriminated against on the basis of race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or protected veteran status.