Postdoc/Research Associate Positions Available in Transportation Cybersecurity

Position Description
The CYBER-CARE consortium is looking for two Postdocs/Research Associates (2-year contract, renewable) to work at the University of Houston (UH), effective as soon as possible. Prospective candidates are required to have a doctoral degree in Transportation Engineering, Electrical and Computer Engineering, Computer Science, Statistics, Urban Planning, or a field closely related to transportation and cybersecurity. The successful candidates will contribute to multiple research projects in the following areas: 1) Connected and Automated Vehicle (CAV) Cybersecurity, 2) AI Applications and Transportation Data Security, 3) Advanced Traffic Management System (ATMS) Cybersecurity, and 4) Next-Generation Transportation Cybersecurity System.

The CYBER-CARE consortium, USDOT Tier-1 University Transportation Center, aims to promote interdisciplinary research and education across both transportation and cybersecurity domains. CYBER-CARE's consortium partners include Embry–Riddle Aeronautical University (ERAU), Rice University (Rice), Texas A&M University-Corpus Christi (TAMU-CC), the University of Cincinnati (UC), and the University of Hawaiʻi at Mānoa (UHM).

Application Procedures & Benefits
Applicants should submit a cover letter, curriculum vitae, copy of one selected publication and contact information of two references in a single PDF file to Dr. Kailai Wang (kwang43@central.uh.edu). The recruitment committee will begin to screen applications immediately, and the process will continue until the positions are filled. Other preferred qualifications include 1) experience in proposal writing, 2) strong programming or data analysis skills, and 3) excellent academic writing and presentation skills. Research Associate level appointments are expected to have a minimum two years of postdoctoral experience.

CYBER-CARE offers a competitive salary and generous benefits, including health insurance, retirement plan, vacation and sick leave, and support for a successful career in scientific research. The successful candidates will be encouraged to submit the output of their work to scientific conferences and professional meetings. In addition, CYBER-CARE will recruit multiple fully-funded PhD students very soon. The successful candidates should help to supervise PhD students involved in the projects.

About University of Houston
The Carnegie Foundation for the Advancement of Teaching has recognized the UH as a research university with very high research activity. The Cullen College of Engineering at UH is on its path to be Top 50 in the US. Houston is an international and multicultural city, and the University reflects this diversity. The greater Houston area offers world-class arts and cultural activities, recreational facilities, and affordable housing. The State of Texas does not collect income tax.