

About the lecturer:

Professor Haitham Al-Deek is an international civil engineering scholar with more than **32 years** of experience in Intelligent Transportation Systems (ITS). He is currently working on advanced ITS technologies to combat wrong-way driving (WWD) and save lives. If untreated properly, WWD can lead to serious traffic crashes with high fatality rates and incapacitating injuries. Professor Al-Deek received numerous national and international recognitions and awards including best paper awards from the US Research Council-Transportation Research Board in 2018, 2017, 2016, 2015, 2014, 2009, and 2003. He had numerous media interviews, 3 US patents, 2 registered trademarks, and 8 copyrights. He supervised to completion as committee chairman **12** Ph.D. dissertations and **28** M.S. theses. He attracted **8** million research dollars with over **74** research projects, has **360** peer reviewed publications and presentations, 2,689 Google Scholar citations, and h-index of 27. His primary areas of research and interests are: Smart Cities, Connected and Autonomous Vehicles (CAV), Intelligent Transportation Systems (ITS), Wrong Way Driving (WWD), and Clean Energy. He has participated in multi-disciplinary research involving electrical engineering and computer science with special focus on traffic safety, driver simulators, traffic congestion and air quality, sustainable transportation, and solar energy.

It is worth mentioning that Haitham Al-Deek was ranked top student in the entire west bank in the Tawjihy (Secondary High School Certificate Examination—Scientific Branch) in 1980 and graduated from Arab Institute High School in Abu Dis (class of 1980). Also, he has a Ph.D. and M.S. degrees (in 1991 and 1987 respectively) in civil engineering (transportation engineering specialty) from the University of California at Berkeley, one of the top civil engineering universities in the US.