

Taking *the reins*

Kamal H. Khayat



Dr. Kamal Henri Khayat joined Missouri S&T in August of 2011 as the Vernon and Maralee Jones Professor of Civil Engineering and Director of the Center for Infrastructure Engineering Studies and the Center for Transportation Infrastructure and Safety (CTIS).

Dr. Khayat received his Ph.D. in civil engineering with an emphasis in civil materials from the University of California at Berkeley. He served as Director of the Center of Excellence on Concrete Infrastructure Engineering and Head of the Integrated Research Laboratory on Materials Valorization and Innovative and Durable Structures at the Université de Sherbrooke in Canada. He led a team of 10 researchers to secure the University's largest grant (C\$16M) to construct a state-of-the-art research laboratory which was inaugurated in 2009.

He was named the National Science and Engineering Research Council (NSERC) Chair on High-Performance Flowable Concrete with Adapted

Rheology in 2008, a consortium re-grouping 17 industrial partners from Canada and the US to develop a new generation of construction materials.

Dr. Khayat has authored and co-authored over 200 technical publications and received several awards for his research and services. He is an active member of ACI, RILEM, and CSA technical committees and chairs ACI 237 (SCC) and RILEM 228 (Mechanical Properties of SCC). He has been involved in organizing and chairing major international conferences in Canada, China, France, Poland, and the United Arab Emirates.

Since his arrival at Missouri S&T, Dr. Khayat has coordinated a major effort involving two partner universities, the University of Illinois at Urbana-Champaign and University of Miami, and a multi-disciplinary research team of 27 faculty members with expertise in eight engineering disciplines. The \$3.5M proposal aimed to build upon the past success of CTIS by creating a collaborative vehicle for addressing the

complex and growing needs facing the transportation industry, with the ultimate goal of ensuring a sustainable, reliable, and safe national transportation infrastructure.

Dr. Khayat's main goal over the coming years is to foster an atmosphere of inter-disciplinary collaborative research efforts in the field of transportation that will further Missouri S&T's position as a national leader.

Dr. Khayat would like to recognize the leadership and achievement of Dr. John Myers as the former Interim Director of CTIS. Dr. Myers' knowledge of the CTIS will continue to be a valuable resource to the Center via his new role as Associate Director. Dr. Khayat would also like to acknowledge Dr. John Sheffield, who has agreed to continue his role as Associate Director of CTIS. Dr. Khayat looks forward to working with Drs. Myers and Sheffield to build upon and ensure the continued success of this well-established research Center.