

Brian L. Smith, PhD, PE, F.ASCE

Brian L. Smith is Professor and Chair of the Department of Civil and Environmental Engineering at the University of Virginia. Dr. Smith is also the Director of the University's Center for Transportation Studies. He has been a member of the University of Virginia faculty since 1998 and is a registered professional engineer in Virginia. Dr. Smith received his BS in Mechanical Engineering from Virginia Tech, his MS in Systems Engineering from the University of Virginia, and his PhD in Civil Engineering from the University of Virginia.

Dr. Smith was elected as a Fellow of the American Society of Civil Engineers (ASCE) in 2009, and is also a recipient of the 2006 ASCE Huber Research Award, 2004 Council of University Transportation Center's New Faculty Award, an National Science Foundation (NSF) CAREER award, an Eno Transportation Leadership Fellow, a 2001-2002 University of Virginia Teaching Fellow, and a selected participant in the 2000 NAE Symposium on Frontiers of Engineering. He is an associate editor of the ASCE Journal of Transportation Engineering. He is also the author of a chapter on Transportation Management in the text "Intelligent Transportation Primer."

Dr. Smith has taught courses on transportation engineering, surveying, geographic information systems, and construction engineering. His primary research interests are in transportation systems engineering, focusing on sustainability, intelligent transportation systems (ITS), advanced transportation management and connected vehicles. Dr. Smith has published ITS-related research in the areas of cooperative systems, probe-based traffic monitoring, statistical modeling, traffic flow theory, data mining, geographic information systems (GIS), and artificial intelligence.

Prior to joining the University of Virginia faculty in 1998, Dr. Smith was a Senior Research Scientist at the Virginia Transportation Research Council (now known as the Virginia Center for Transportation Innovation and Research), where he helped establish the Virginia Department of Transportation's (VDOT's) ITS program, and led VDOT's ITS research program.