

Dr. Fernando Raffan-Montoya

Fernando Raffan-Montoya is Assistant Professor of Fire Protection Engineering at the University of Maryland, College Park. After graduating summa cum laude with a B.S. in Aerospace Engineering from the Florida Institute of Technology, Dr. Raffan-Montoya obtained M.S. and Ph.D. degrees in Aerospace Engineering at UMD where he worked on the comprehensive experimental characterization of slot film cooling flows for propulsion applications. He subsequently joined FPE Professor Stanislav Stoliarov's research group as a postdoctoral researcher in the area of material flammability. Prior to becoming a faculty member, Dr. Raffan-Montoya has served as a faculty specialist with roles as laboratory manager, lead engineer for the Fire Testing and Evaluation Center (FireTEC), and department instructor. His current research interests are in the areas of minimally intrusive diagnostics, test standards, fire toxicity, fire suppression and wildfire early detection and monitoring/forecasting.