

## **VAHID MOTEVALLI, PH.D, P.E. - BIOGRAPHY**

Dr. Motevalli has more than 20 years of teaching, research and administrative experience in academic, government and industry with diverse experience in combustion, fire safety, aviation safety and security and transportation safety. His professional experience outside the academia includes working at National and government laboratories (NIST, NRL), consulting, and government (Congressional Fellow, US Congress, House Committee on Science, 1995-96). Most recently, he directed the International Aviation Safety and Security Summit program (2001-2005), which developed a leadership program for ministers and Directors General of civil aviation for more than 100 countries of the world. This program was funded by FAA and supported by the DOT Secretary's office. Prior to his position at GW, Prof. Motevalli achieved tenure and the rank of Associate Professor in Mechanical Engineering Department at the Worcester Polytechnic Institute in 1994. His recent research has included CFD simulations and Finite Element modeling, aircraft engine containment simulation, aircraft cabin safety, aircraft finite element modeling, aviation safety oversight standards, hybrid-electric vehicle research with emphasis on safety of fuel cell, fuel reformers, alternative fuel use and evaluation of airbag models. He has over 95 technical publications in addition to reports, presentations and invited talks and has directed over 30 graduate students and a large number of undergraduate students in a variety of topic areas. Dr. Motevalli has conducted sponsored research and training programs exceeding \$13 million since 1988.