

RAJENDRA BORDIA: SHORT BIO-SKETCH

Bordia is currently the George J. Bishop, III Endowed Chair Professor in the Materials Science and Engineering Department at Clemson University in Clemson, SC, USA. He is also the Scientific Director of Materials Assembly and Design Excellence in South Carolina (MADE in SC) – an NSF funded EPSCoR Track I Research Infrastructure Improvement Award. From 2013 to February 2019, he was the Chair of his Department. Prior to Clemson, he was a faculty member at the University of Washington (1991-2013) and a Research Scientist in DuPont Co. (1986 to 1991). He received his B.Tech from IIT, Kanpur, India (1979), and his M.S. (1981) and Ph.D. (1986) from Cornell University, Ithaca, NY, USA.

His research is at the intersection of materials and mechanics and is focused on fundamental and applied studies in the processing and properties of complex material systems for energy, environmental and medical applications. He has authored or co-authored over 160 peer-reviewed technical publications.

He was elected as a Fellow of the American Ceramic Society (2002); a Fellow of the Indian Institute of Metals (2010); a Fellow of the International Society for Energy Environment and Sustainability (2020); and an Academician in the World Academy of Ceramics (2012). Other significant awards include: the Humboldt Research award from the Alexander von Humboldt Foundation, Germany (2007); and the Outstanding Educator Award of the American Ceramic Society (2012). He is an Associate Editor of the Journal of the American Ceramic Society (1988-Present); Editor of the Journal of Ceramic Processing Research (1999-Present); and Editor-in-Chief of the Ceramics International Journal (2009 – Present).