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Dr. Olivares is primarily responsible for conducting research in the field of crashworthiness. He has 12 years of experience in the area of computational and experimental crashworthiness. Prior to joining NIAR in 2005, he was the Systems Performance Engineering Manager of a Safety Systems Tier 1 Automotive supplier. Prior to his automotive work, he has also worked on several aerospace crashworthiness projects such as the development of Inflatable restraint system for Goodrich Aerospace. He has authored and co-authored several publications in the areas of experimental and computational crashworthiness. Dr. Olivares holds a BS, MS in aerospace engineering and a PhD in Mechanical Engineering from Wichita State University.