

Victor Riley, PhD

Title: From Research to Reality



Dr. Victor Riley spent nineteen years doing human factors research at the Honeywell Systems and Research Center. He realized at the end of that time that nothing he had done during his Honeywell career had made its way into an actual product. In this presentation, Vic will describe moving from research to engineering, from theory to product, and from abstract users to real ones. Along the way, Vic will touch on why design really does matter, how organizations unwittingly conspire against technology transfer from research to products, and why human factors research is often so difficult to apply in the real world.

Biosketch: Vic has a Bachelor degree in Architecture from University of Arizona, Tucson; Arizona, and a Ph.D. in Experimental Psychology from University of Minnesota-Twin Cities, Minneapolis. He has published 40 research papers and book chapters on user centered design, human error analysis methods, and human use of automation. He currently works with pilots and engineers to apply sound human factors principles to the design of Boeing flight decks.