

**David D. Hillman** is a Metallurgical Engineer in the Advanced Operations Engineering Department of Rockwell Collins Inc. in Cedar Rapids, Iowa. Mr. Hillman graduated from Iowa State University with a B.S. (1984) and M.S. (2001) in Material Science & Engineering. In his present assignment he serves as a consultant to manufacturing on material and processing problems. He served as a Subject Matter Expert (SME) for the Lead-free Manhattan Project in 2009. He has published 200+ technical papers. Mr. Hillman was named a Rockwell Collins Fellow in 2016. He was named an IPC Raymond E. Prichard Hall of Fame award recipient in 2018. He serves as the Chairman of the IPC JSTD-002 Solderability committee. Mr. Hillman served as a Metallurgical Engineer at the Convair Division of General Dynamics with responsibility in material testing and failure analysis prior to joining Rockwell. He is a member of the American Society for Metals (ASM), the Minerals, Metals & Materials Society (TMS), and Surface Mount Technology Association (SMTA) and the Institute for Interconnecting and Packaging of Electronic Circuits (IPC).

His present assignments include the alchemy of transforming lead into gold (at least until the practice is outlawed by environmental legislation), creating and delivering presentations that are superior to presentations made by Doug Pauls, and measuring the impact of the mass consumption of Diet Coke on the human body. Dave has four industry publications which as been presented in numerous conferences 73.25 times and one industry tutorial that has zero audience appeal. Dave believes that process investigations should be fun, the insanity of work should be tempered by science, and if you are not living on the edge then you are taking up too much room.