

Dr. J.W. McCamy (Jim) is a Senior Scientist in the Glass Science and Technology organization at PPG Industries. In that capacity he heads the Advanced Manufacturing Technologies group which is tasked with identifying and developing new technology platforms for the future growth of the business. Prior to this he was the Manager for Solar Technologies and led the CVD Technologies group in developing new coatings for low-E applications and TCOs for thin film photovoltaic modules.

Prior to joining PPG Industries, Jim was a Technical Manager in the Surfaces and Interfaces Directorate and a Senior Development Engineer in the Lightwave Optical Circuits Group. In these roles he was responsible for developing new products and processes for optical devices for multiplexing and switching of optical signals.

Prior to his industrial career, he was a Research Assistant in the Solid State Division at the Oak Ridge National Laboratory (ORNL) and a Research Associate at Harvard University. In both organizations he investigated and developed new processes for the deposition and alloying of semiconductor thin films. Jim has received a Ph.D. in Materials Science & Engineering at the University of Tennessee. His undergraduate studies at Auburn University were in Chemical Engineering.