

Dr. David Irvin Biography

Dr. David. J. Irvin is currently the Director of Research for Systems and Materials Research Corporation of Austin, TX. Dr. Irvin is an experienced chemist and project manager with a technical specialty in nanomaterials and nanomaterials processing, and energetic and polymer-based supercapacitors. Dr. Irvin is the Principle Investigator for the SMRC's NASA sponsored 3D printing of food for extended space missions and Army Phase II SBIR for the low cost production of nanosilicon. Dr. Irvin spent 8 years in the Chemistry and Polymer Engineering Group in the Research and Intelligence Division at the Naval Air Warfare Center Weapons Division at China Lake, CA and holds 24 patents ranging from energetics to supercapacitors. He received his Ph.D. in organic chemistry from the University of Florida with his dissertation entitled "Modification of the Electronic Properties of Conjugated Polymers." Before Florida, Dr. Irvin received his B.S. and M.S. at Texas State University with his thesis entitled "Fluorinated and Alkylated Polyamides and Copoly(imide-amide)s"