

## The Author

Rand German is the Brush Chair Professor in Materials and Director of the Center for Innovative Sintered Products at the Pennsylvania State University (Penn State). His academic appointment and teaching are in the Engineering Science and Mechanics Department. He previously held positions at Rensselaer Polytechnic Institute, J. M. Ney Co., Mott Corp., Sandia National Laboratories, and Battelle Columbus.

His doctorate is in Materials Science from the University of California (Davis) in 1975, following a masters in Metallurgical Engineering from the Ohio State University (1971) and a bachelors in Materials Science and Engineering from San Jose State University (1968). In addition he has an honorary doctorate from the Universidad Carlos III de Madrid.

He is a Fellow of APMI International and ASM International. His awards include the Tesla Medal, University of California (Davis) Distinguished Engineering Alumni Award, San Jose State University Award of Distinction, Nanyang Professorship (Nanyang Technological University), Penn State Engineering Society Outstanding and Premiere Research Awards, Metal Powder Industries Federation Distinguished Service Award, and Kuczynski and Samsonov Prizes of the International Team for the Science of Sintering.

Rand's publication list exceeds 750 articles, 20 edited books, and he is co-inventor on 22 patents. His 12 books include *Liquid Phase Sintering*, *Particle Packing Characteristics*, *Sintering Theory and Practice*, *Powder Metallurgy of Iron and Steel*, *Injection Molding of Metals and Ceramics* (with A. Bose), and *User's Guide to Powder Injection Molding - Designs and Applications*.

He lives in State College, Pennsylvania, with Carol, his wife; they have two married sons, Eric and Garth, who both live in California.