

Jerry King was born on February 19, 1942. Dr. King has over 53 years of experience in supercritical fluid technology, chemical separations, chromatography, and applied chemical engineering & chemistry. He is a native of Indianapolis, Indiana, graduating from Butler University in 1965 with a B.S. in Chemistry. Dr. King continued with graduate studies at Butler University and the University of Utah, where he worked with Professor J. Calvin Giddings on supercritical fluid chromatography. In 1973, Dr. King received his Ph.D. in surface characterization studies using chromatographic methods from Northeastern University in Boston, Massachusetts under the direction of Professor Barry Karger. He then conducted postdoctoral research in physical chemistry under Professor Daniel Martire at Georgetown University in Washington, DC.

Prior to joining the department of Chemical Engineering at the University of Arkansas, he was Program Manager/Research Scientist in the Supercritical Fluid Facility at the Los Alamos National Laboratory. Dr. King was also the Lead Scientist of the Critical Fluid Technology Group at the National Center for Agricultural Utilization Research (NCAUR) in Peoria, Illinois for 16 ½ years. His research interests include the development of critical fluid technology for food and agro-material processing, materials science, and analytical applications. He has authored over 275 publications (191 are peer-reviewed, including three patents) in SFE, SFC, and related separation techniques; and has lectured extensively on these subjects over the past 40 years at national and international symposia, including the ACS Short Course on SFE/SFF/SFC with Professor Larry Taylor. Dr. King has organized many symposia on SFE and SFC, including the well-known International Symposia on SFC and SFE. He serves on the editorial

board of the Journal of Supercritical Fluids, Italian Journal of Food Science, Journal of the American Oil Chemical Society, INFORM, and is a member of ACS, AIChE, AOCS, IFT, AOAC, ASTM, and US or international critical fluid technology groups. He is a Vice President of the International Society for the Advancement of Supercritical Fluids (ISASF).

Dr. King has also worked at several industrial companies and R & D organizations. These have included Arthur D. Little, Inc. (Cambridge, Massachusetts), Union Carbide Corporation (Bound Brook, New Jersey), and CPC International (Summit-Argo, Illinois). His activities while with ADL involved technical support to chemistry, food & agribusiness sectors of the company, and collaboration with the supercritical fluid venture development team. At CPC, he was in charge of HPLC methods development for biotechnology, installation of a process chromatography, and industrial analysis of saccharides and starch polymers. While at USDA and Los Alamos, Dr. King interacted extensively with industrial partners via CRADA and SBIR collaborations to commercialize processes dealing with environmentally-benign production of value-added agricultural and botanical materials and CO₂ – based cleaning and microelectronics production. His R & D activities have involved extensive interaction with government regulatory agencies such as FSIS, FDA, FGIS, EPA, and DOE as well as Euro-based agencies.

In 1993, Dr. King was named Scientist of the Year at NCAUR, and in 1994 was elected a corresponding member of the Accademia dei Georgofili in Florence, Italy. Dr. King has been awarded the Chicago Chromatography Discussion Group's Merit Award for significant contributions to chromatography and elected to Who's Who in

America. He was awarded AOAC's prestigious Harvey Wiley Award in 1997 for his research in analytical SFE. In 1998 he received the Merit Award from the Midwest SFC Group/Tri-State Discussion Group for consistent contributions in the supercritical fluid technology field, and the Award of Excellence at the 8th International Symposium on SFC/SFC for "pioneering achievement, leadership, and enthusiasm in the development of supercritical fluid technology and the education of others". He was awarded an Underwood Fellowship in 1999 for sabbatical study in the United Kingdom. In the year 2000, he received the Keene P. Dimick Award at Pittcon for his contributions to the field of gas and supercritical fluid chromatography. Dr. King has also awarded the 1st Place Award for Consumer Products from the Federal Laboratory Consortium for Technology Transfer -Midwest Region. He also has been awarded the Herbert J. Dutton Award from the American Oil Chemists' Society for his contributions to the analysis and processing of lipids and oils. He was selected for a Marie Curie Chair by the European Union in Brussels, Belgium in 2004. Dr. King has been Adjunct Professor in the Department of Food Science at the University of Arkansas. In 2007 he was the Outstanding Researcher in the Department of Chemical Engineering at the University of Arkansas. In 2008 he was appointed as the Mariwala Visiting Professorship at UICT in Mumbai, India. In 2009, Dr. King chaired and organized the 10th International Symposium on Supercritical Fluids, held in San Francisco, CA, May 13-16, 2012. He serves as USA liaison to Innovation Fluides Supercritiques, a French organization for the promotion of supercritical fluids. In May 2012, he was elected a fellow of the American Oil Chemists' Society. In 2013, he was also elected a Fellow of the Industrial & Engineering Division of the American Chemical Society. In 2015, Dr.

King was appointed to a Visiting Fulbright Research Chair at the University of Alberta. In 2018, he will be the Chairman of the Separation Science & Technology a Sub-Division of the ACS. He currently serves as the Program Chair for the ACS sub-division on Cannabis Chemistry.