

ICPMS CLASS SPEAKERS

Ramon Barnes

Dr. Ramon Barnes is director of the University Research Institute for Analytical Chemistry, Professor Emeritus of Chemistry at the University of Massachusetts, editor of the *ICP Information Newsletter* (1975-2003), and chairman of the Winter Conference on Plasma Spectrochemistry (1980-2004). He received a Ph.D. in analytical chemistry from the University of Illinois, Champaign/Urbana, in 1966, an A.M. in chemistry from Columbia University, New York, in 1963, and was a post doctoral research fellow at Iowa State University, Ames, in 1968 and 1969. He served as an Army Captain at NASA Lewis Research Center, Cleveland, from 1966 to 1968. From 1969 to 2000 he taught analytical chemistry and maintained an international research program at the University of Massachusetts, Amherst. He has published more than 300 papers, edited four books, and continues an active research interest in fundamentals and applications of inductively coupled plasma (ICP) discharges for spectrochemical analysis. The University Research Institute for Analytical Chemistry (URIAC) is the research and development division of ICP Information Newsletter, Inc., a not for profit corporation established in 1997 to foster science education, research, and study in spectroanalytical chemistry. URIAC provides specialty plasma spectrochemical analysis, method development, training, consulting, and applied research with ICP atomic emission spectrometry and ICP mass spectrometry for ultratrace metal and stable isotope analyses in environmental forensics, drug development, medicine, public health, and semiconductor manufacturing.

Skip Kingston

Dr. H. M. (Skip) Kingston is Professor of Analytical Chemistry and dually appointed in the Environmental Research and Education Center, at Duquesne University in Pittsburgh PA. Dr. Kingston is also the Director of a focused research center at Duquesne University. From 1976 to 1991 he was a Supervisory Research Chemist in the Inorganic Analytical Research Division of the National Institute of Standards and Technology (NIST). From 1989 to 1991 he conceived and headed the Consortium on Automated Analytical Laboratory Systems (CAALS), which was dedicated to developing automated analytical standards. For the past several years, Dr. Kingston has been actively involved in advancing the areas of speciated, automated and microwave analysis through basic research and methods development. He has invented and authored over a dozen standard methods for EPA, NCCLS, SEMI and others organizations. He co-authored two landmark Professional Reference books for the American Chemical Society (ACS) entitled Microwave-Enhanced Chemistry: Fundamentals, Sample Preparation and Applications, and Introduction to Microwave Sample Preparation: Theory and Practice (in 1997 and 1988). Since 1987, he has received numerous awards for his pioneering work in several areas, including the 1996 R&D 100 Award for development of Speciated Isotope Dilution Mass Spectrometry (SIDMS), the 1987 IR 100 Award for development of the microwave dissolution, the 1988 "Pioneer in Laboratory Robotics" award, the 1988 R&D 100 Award for the development of Chelation Ion Chromatography and the 1990 NIST Applied Research Award and the Department of Commerce Bronze Medal in 1990. In 1991 he received the Award of Merit from the Federal Laboratory Consortium for Technology Transfer for efforts in the field of technology transfer. From 1998 to 2002 he was elected and served on the National Academy of Science's panel on Nuclear Waste.