

2010 A.A. Benedetti-Pichler Awardee is Professor Joel M. Harris, University of Utah



Joel M. Harris is Distinguished Professor of Chemistry at the University of Utah, where he also holds an appointment in the Department of Bioengineering. Harris received a B.S. degree from Duke University and his Ph.D. from Purdue University. He was appointed to the faculty of the University of Utah in 1976. Harris's research has focused on analytical chemistry and spectroscopy of trace-level species in liquids and at liquid/solid interfaces. He and his students have developed new measurement concepts in photothermal spectroscopy, analysis of multidimensional fluorescence and Raman spectroscopic data, confocal Raman microscopy, and quantitative single-molecule detection. They have applied these concepts to investigating liquid/solid interfaces, dispersed particles, and interfacial molecular transport, adsorption, and binding kinetics that govern chemical separations and analysis. Through these efforts, Harris has published over 200 research articles,

chapters, and patents. Harris is Fellow of the American Association for the Advancement of Science and of the Society for Applied Spectroscopy. He was the recipient of an Alfred P. Sloan Fellowship, the Coblenz Award in Molecular Spectroscopy, the University of Utah Distinguished Research Award, the ACS Division of Analytical Chemistry Award in Chemical Instrumentation, the SAS New York Section Gold Medal Award in Spectroscopy, the Pittsburgh Analytical Chemistry Award, the Robert W. Parry Teaching Award, the ACS Utah Award in Chemistry, and the ACS Award in Analytical Chemistry. He served for 12 years as Editor-in-Chief of *Applied Spectroscopy*.