

## **John C. Miller**

John C. Miller is currently serving as Acting Director of the Chemical Sciences, Geosciences and Biosciences Division within the Office of Basic Energy Sciences, Office of Science, Department of Energy. He also serves as Team Lead for the Chemical Transformations Team. Prior to joining DOE in 2002, he was a researcher and manager at Oak Ridge National Laboratory. His career at Oak Ridge began in 1979, when he joined the Chemical Physics program at the laboratory and began exploiting the then-new, nonlinear optical techniques involving high-powered tunable dye lasers. Along with others, he developed multiphoton ionization coupled with mass spectrometry and/or photoelectron spectroscopy for spectroscopic studies of atoms and small molecules. During his last 12 years at Oak Ridge, John also served as Head of the Chemical Physics Section - a group comprising up to 50 scientists and support staff, along with numerous postdocs and students.

Dr. Miller received his B.S. in Chemistry in 1971 from Georgia Tech. and Ph.D. in Physical Chemistry from the University of Colorado at Boulder in 1975. His research has been published in over 100 peer-reviewed journal articles, book chapters, and proceedings papers. He has edited four books on laser ablation and, in 1991, founded the International Conference on Laser Ablation (COLA). John is a Fellow of the American Physical Society, the Optical Society of America and the Association for the Advancement of Science, and a member of the American Chemical Society. He has served on the editorial boards of the Journal of Physical Chemistry and Physical Review Letters.