

James N. Siedow
Vice Provost for Research and Professor of Biology
Duke University

Jim Siedow received his BA from the University of Texas at Austin in 1969 and completed his Ph.D. in plant biochemistry from Indiana University in 1972. He did postdoctoral research at the University of Michigan and Rice University before joining the Duke faculty as an Assistant Professor of Botany in 1976. He became a Full Professor of Botany in 1987 and a Professor of Biology in 2000. He was a recipient of the Trinity College Distinguished Teaching Award in 1984. Past service at Duke includes election to the Executive Committee of the Academic Council (1992-93) and as Chair of the Academic Council (1994-96). He also served as the Dean of Faculty Development in Arts and Sciences from 1997-99. He became Vice Provost for Research in January, 2001.

Professionally, Dr. Siedow has held numerous positions in the American Society of Plant Biologists, including President, Chair of the Board of Trustees, Secretary, and Chair of the Public Affairs Committee. He is currently Chair of the Board of the ASPB Education Foundation. He also currently serves on the Board of Directors of the Oak Ridge Associated Universities and is the incoming Chair of the Board of Directors of the Southeastern Universities Research Association. He is an elected Fellow of the American Association for the Advancement of Science (2002) and the American Society of Plant Biologists (2007). He is currently an Associate Editor of the *Journal of Biological Chemistry* and *Plant Molecular Biology*, a member of the Editorial Boards of *Current Opinion in Plant Biology* and *Genome Biology*, and has previously served as an Associate Editor of the journal *Plant Physiology*.

In national service, Dr. Siedow spent a year as a Program Director of the Cellular Biochemistry Program at the National Science Foundation in 1998-99. He has also served as a member of the Department of U.S. Department of Commerce Deemed Export Advisory Committee (09/06-11/07) and the NIH Blue Ribbon Panel on Intramural Conflict of Interest Policy (Spring 2004).

Dr. Siedow's research has involved the study of oxidative processes in higher plants with an emphasis on processes related to plant respiration. A primary project in his laboratory has involved characterizing the structural and regulatory features of the unusual cyanide-resistant (alternative) oxidase found in all plant mitochondria. In addition, a long-term collaboration with a group at North Carolina State University led to elucidating the molecular mode of action of the toxin associated with the fungus responsible for Southern Corn Leaf Blight.