



Program Author

Dr. William F. Tate IV

**Edward Mallinckrodt Distinguished University Professor in Arts & Sciences  
Washington University in St. Louis**

**Workshop/Presentation Topics**

- Policy and Mathematics Education
- A History of Political Arithmetic and the Modern State
- Statistics
- Algebra
- Meeting Individual Needs: A Research Perspective
- Costs and Benefits of Investing in Human Development

William Tate holds numerous leadership positions in organizations focused on advancing human development broadly defined. In 2006, he was elected to serve as the President of the American Educational Research Association (AERA). His Washington University leadership portfolio includes serving as Chair of the Department of Education and as a member of the executive committee of three academic programs—American Culture Studies, Applied Statistics and Computation, and Urban Studies. Additional responsibilities include serving as the chair of the executive committee of the Center on Urban Research and Public Policy. His other university leadership includes serving as a participating faculty member in the Audiology and Communication Sciences program at the Washington University School of Medicine.

Professor Tate serves as the principal investigator of the St. Louis Center for Inquiry in Science Teaching and Learning. The center is a multidisciplinary effort to build sustainable models of human resource development in the sciences and to integrate these models into the cultural resources of an urban community. Professor Tate is co-principal investigator of the National Center for Culturally Responsive Educational Systems, a project funded by the U.S. Department of Education's Office of Special Education Programs. The center provides technical assistance and targets improvements in culturally responsive practices, early intervention, literacy, and positive behavioral models to support the academic achievement of students from culturally and linguistically diverse backgrounds and their peers.

He has authored scores of scholarly journal articles, book chapters, edited volumes, monographs, and textbooks focused on human resource development in mathematics, science, technology education, urban studies, and race and American education.

He is an author of *Silver Burdett Ginn Mathematics* ©2000, *Scott Foresman - Addison Wesley Mathematics* ©2005, *Scott Foresman Science* ©2006, and *Scott Foresman - Addison Wesley enVisionMATH* ©2009.