

Deborah Loewenberg Ball is Dean of the School of Education and William H. Payne Collegiate Professor at the University of Michigan. Her research focuses on mathematics instruction, and on interventions designed to improve its quality and effectiveness. Her research groups study the nature of the mathematical knowledge needed for teaching and develop survey measures that make possible analyses of the relations among teachers' mathematical knowledge, the quality of their teaching, and their students' performance. Ball has authored or co-authored over 150 publications and has lectured and made numerous major presentations around the world. Her research has been recognized with several awards and honors, and she has served on several national and international commissions and panels focused on policy initiatives and the improvement of education, including, most recently, the National Mathematics Advisory Panel.