

UNDERSTANDING STANDING

Lawrence William Goldfarb
College of Applied Life Studies
University of Illinois at Urbana-Champaign, 1995
Gary Riccio, Advisor

Using standing as paradigmatic example, this study considers current issues in the movement sciences in relationship to the practice of rehabilitation and movement re-education. The concepts of variety and constraint provide the foundation for inquiring into the anatomical, biomechanical, dynamical, and sensorial bases of bipedal stance. Theoretical issues are related to rehabilitation medicine, clinical techniques, and pedagogical strategy. The rich empirical basis of movement re-education approaches serves as the basis for new research questions and offers clues to rethinking how learning occurs.