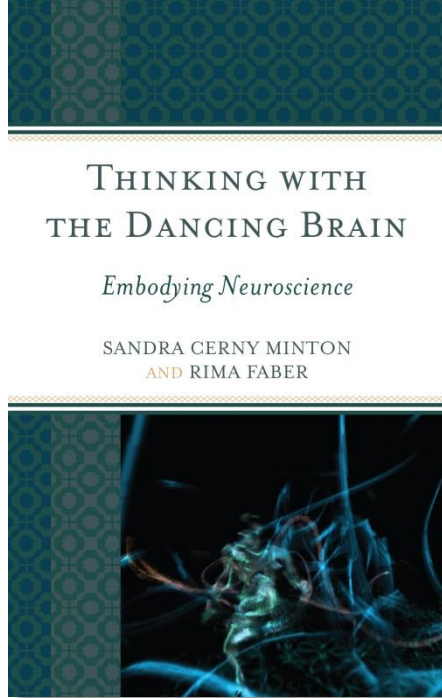


Thinking with the Dancing Brain

Embodying Neuroscience

SANDRA C. MINTON AND RIMA FABER



“Thinking with the Dancing Brain is a must-read book for educators, artists, and scientists. This gem is revolutionary in its structure. Current brain research and valuable educational theories are interspersed in every chapter with simple movement explorations that make the research understandable and the theories memorable.”—**Anne Green Gilbert**, founding Director of Creative Dance Center; author of *Brain Compatible Dance Education* and *BrainDance*

“Thinking with the Dancing Brain should be part of every dance educator’s library, especially if they want to move forward with keener content and pedagogical skills. The authors have done an excellent job exploring the interdependence of brain function and critical thinking. Remarkably, the book unifies the Cartesian duality between body and mind, physicality and thought.”—**Jane M. Bonbright**, Ed.D, Executive Director Emerita of the National Dance Education Organization

“Soundly grounded in neuroscience, this book carefully walks the reader through research on the brain, its contributions to the beauty of dance, and how dance improves brain functioning and learning. The embedded exercises help the reader reach a new awareness of the intricate interaction between the brain and body that makes dance such an emotional and rewarding form

of communication and how dance can improve learning and memory.”—**Linda Lockwood**, Department of Psychology, Behavioral Neuroscience, Metropolitan State University of Denver

Thinking with the Dancing Brain examines the mind in action as it orchestrates skilled movement and how it understands the kinesthetic, symbolic language of dance. As seasoned dancers and dance educators, Sandra Minton and Rima Faber approach brain function from inside the body as embodiment of thought. Their neurological research about the thought processes in learning and performing dance encompasses a vision of dance as creative art, communication, education, and life. This book seeks to inform neuroscientists, educators, and dancers about the complex interdependence of brain localities and the networking of human neurology through an integration of physiology, cognition, and the art of dance.

Sandra Minton, PhD, is the author of a number of journal articles and dance education texts, including *Choreography: A Basic Approach Using Improvisation*. She is the co-coordinator of the Dance Education MA program at the University of Northern Colorado, has taught dance in public schools, and has presented at national and international conferences. Minton earned her doctorate in dance/kinesiology.

Rima Faber, PhD, trained with Anna Sokolow, Martha Graham, Merce Cunningham and pursued a career as a performer, choreographer, and dance educator. She taught academics through dance in inner city public schools with intensive focus on child development, cognition, and neurological functions in dance. Upon receiving her doctorate in Education, Faber became the founding president of the National Dance Education Organization where she worked for thirteen years.

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