

Dr. Karlene Ball



Dr. Karlene Ball is a University Professor and experimental psychologist at the University of Alabama at Birmingham (UAB). She and Dr. Daniel Roenker, Professor Emeritus at Western Kentucky University, developed the speed of processing training recently found effective against Demetia in the ACTIVE Study.

Dr. Ball is the Director of the UAB **Edward R. Roybal Center for Research on Applied**

Gerontology, funded by the National Institute on Aging, Associate Director of the university-wide **Comprehensive Center for Healthy Aging** (formerly the Center for Aging), Associate Director of the Center for Outcomes and Effectiveness Research and Education, Professor in the Department of Neurobiology, a Senior Scientist in the Vision Research Center, a Senior Scientist in the Comprehensive Neuroscience Center, and a Senior Scientist in the Center for Exercise Medicine. Dr. Ball chaired the Human Factors and Ergonomics Society Technical Group on Aging, and she is a member of the Transportation Research Board of the National Research Council.

She received a M.E.R.I.T. award from the National Institutes of Health to extend her basic research program on the everyday activity problems of older adults to the development of interventions to prevent or retard age-related declines. A further description of the UAB Roybal Center, along with its investigators, resources, and projects, may be found at <http://crag.uab.edu/crag/>.

Dr. Ball earned her Bachelor of Arts, with a major in Psychology, at Indiana University, and completed her Masters, Ph.D. and post-doctoral work at Northwestern University.