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Using evidence from the brain sciences for shaping theories of learning and development



Elsbeth Stern is full Professor for Research on Learning and Instruction at ETH Zurich, Swiss Federal Institute of Technology, and functions as dean of the Institute of Behavioural Sciences. Elsbeth Stern is a cognitive psychologist with special focus on academic learning in science and mathematics. After her PhD in 1987 at the University of Hamburg, she held positions at the Max-Planck-Institute for Psychological Research in Munich, the University of Leipzig and the Max-Planck-Institute for Human Development in Berlin. Her areas of interest are cognitive development and learning, effects of nature and nurture on individual differences in cognition, language development and reasoning, brain and learning, as well as statistical methods. Elsbeth Stern has published in refereed journals and books and is member of the Board of Reviewing Editors of the journal SCIENCE. Moreover she is involved in international discussions on the potentials and limits of cognitive neuroscience on improving academic learning.