



### **Michael Posner's Biography**

For more than fifty years Michael Posner has studied how mental operations, particularly those related to attention, are carried out by neural networks. He has used cognitive, imaging and genetic methods. In 1988 he published together with Marc Raichle imaging studies of visual and auditory word processing. These studies helped develop methods to image the human brain. In 1998 he was founding director of the Sackler Institute at Weill Medical College that carried out work with infants and young children on cognitive and brain development. He continues research as Prof. Emerit of Psychology at the University of Oregon. His recent research has involved to use of mouse and human studies to examine how attention and memory networks interact during learning and how these networks may be improved by learning and brain stimulation. He has applied these findings to educational and clinical issues. Posner has received many honors including election to National Academy of Sciences USA in 1981, 2009 the national medal of science from President Obama and in 2017 he was awarded the Franklin medal in Computer and Cognitive Science.