

Special Issue

The Role of Early Sensorimotor Experiences in Cognitive Development

Message from the Guest Editors

Infants learn about the world through interactions with their environment. We are beginning to understand that early sensory experiences guide the development of the infant mind and its cognitive capacities. Recent technological and methodological advances, such as dual head-mounted eye-tracking, neuroimaging, and even machine learning approaches have created exciting new opportunities to understand the mechanisms that drive infant cognitive development. Although recent advances have been made in understanding the contribution of primary senses such as vision and audition, many questions regarding how sensory input shapes cognitive skills such as learning, numerical representation, memory, attention, and language remain. Further, less studied senses such as touch, taste and smell provide plenty of uncharted territory to explore. Therefore, we are excited to introduce this Special Issue, which focuses on the role of sensorimotor experiences in cognitive development in both typical and atypical development. We welcome original research papers, meta-analyses, and review articles. Submission link: https://www.mdpi.com/journal/behavsci/special_issues/VG8W807IO3

Guest Editors

Dr. Claire D. Monroy

School of Psychology, Keele University, Newcastle ST5 5BG, UK

Dr. Chi-Hsin Chen

Department of Psychology, University of Liverpool, Liverpool L69 3BX, UK

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Behavioral Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
behavsci@mdpi.com

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Prof. Dr. Gianluca Serafini

Department of Neuroscience, Rehabilitation, Ophthalmology, Genetics, Maternal and Child Health (DINO GMI), Section of Psychiatry, University of Genoa, 16132 Genoa, Italy

Prof. Dr. Jerrell Cassady

Department of Educational Psychology, Ball State University, Muncie, IN 47306, USA

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