

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

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