



The Development of Working Memory and Attention

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Message from the Guest Editors

Fluid intelligence has been linked to working memory in children, a relationship that appears to be driven primarily by components of working memory involved in processing and attentional control, as described in the reference (Engel de Abreu et al. 2010). The relationship between intelligence and working memory persists into adulthood, when the end-point structure of the working memory system has been well-modeled. Many researchers are now turning their efforts to characterizing the development of individual mechanisms within the working memory system, especially processing and attentional control mechanisms related to intelligence and academic outcomes.

This Special Issue primarily aims to identify and describe working memory mechanisms closely linked to developmental changes in intelligence as well as mechanisms that predict individual differences in intelligence during development. We are seeking contributions that advance our understanding of the development of working memory and attention in children. Under this broad theme, we invite submissions related to the development of:

- Auditory attention;
- Processing speed;
- Attention control;
- Proactive and reactive control.

