



**Bianca van Bers**  
Researcher & teacher

**Personal details**

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**Profile**

I am a researcher and teacher in the field of developmental psychology. I am committed to my work and really involved with the people I work with. I also like to learn new things, even if they are outside my comfort zone. I am curious, like to question things. And I like to do my work with attention and great accuracy.

My research so far focuses on the cognitive development of young children, especially the development of cognitive control and mathematics. My teaching consists of giving and coordinating lectures and workgroups and mentoring students during a scientific internship or writing their bachelor or master thesis.

**Employment & Education**

2016-2018	Assistant professor at the department of psychology at the University of Amsterdam
2015-2016	Postdoctoral researcher at the department of psychology of Queen's University, Belfast, Northern-Ireland
2013-2015	Researcher and teacher at the department of psychology at the University of Amsterdam
2007-2013	PhD student at the department of psychology at the University of Amsterdam. Dissertation on the dynamics, models and mechanisms of the cognitive flexibility of preschoolers. Advisor: Prof. dr. Maartje Raijmakers; successfully defended on March 20, 2014
2002-2007	Studies of Psychology, University of Amsterdam Main subject: developmental psychology Research MSc program, cum laude
1998-2002	Co-owner design-studio Biep & Lú, vooral internet ontwerp, Eindhoven
1992-1997	Studies of Industrial Design, Design Academy, Eindhoven

## **Publications**

### *Selection of peer-reviewed publications*

- Morsanyi, K., van Bers, B.M.C.W., McCormack, T., & McGourty, G. (2018). The prevalence of specific learning disorder in mathematics and comorbidity with other developmental disorders in primary school-age children. *British Journal of Psychology*, *109*, 917-940.
- Morsanyi, K., van Bers, B.M.C.W., O'Connor, P.A., & McCormack, T. (2018). Developmental dyscalculia is characterized by order processing deficits: Evidence from numerical and non-numerical ordering tasks. *Developmental Neuropsychology*, *43*, 595-621.
- Van Bers, B.M.C.W., Visser, I., & Raijmakers, M.E.J. (2014). Preschoolers learn to switch with causally related feedback. *Journal of Experimental Child Psychology*, *126*, 91-102.
- Van Bers, B.M.C.W., Visser, I., & Raijmakers, M.E.J. (2014). Preschoolers can form abstract rule representations regardless of cognitive flexibility. *Journal of Experimental Child Psychology*, *124*, 50-66.
- Van Bers, B.M.C.W., Visser, I., van Schijndel, T.J.P., Mandell, D.J., Raijmakers, M.E.J. (2011). The dynamics of development on the Dimensional Change Card Sorting task. *Developmental Science*, *14*(5), 960-971.

## **Presentations**

### *Selection of presentations at national and international events:*

- Van Bers, B., Visser, I., & Raijmakers (2018). *The effect of different types of feedback on the cognitive flexibility of preschoolers*. Oral presentation at the conference of the Jean Piaget Society (JPS), Amsterdam, The Netherlands.
- Van Bers, B., Morsanyi, K., O'Connor, P., & McCormack, T. (2017). *Developmental dyscalculia is linked to order processing deficits*. Poster presentation at Science Uncovered, Ulster museum, Belfast, UK
- Van Bers, B., Morsanyi, K., O'Connor, P., & McCormack, T. (2016). *Non-numerical ordering abilities predict mathematical skills: Evidence from children and adults*. Oral presentation at the annual conference of the British Psychological Society (BPS) (cognitive section), Barcelona, Spain.
- Van Bers, B., Morsanyi, K., & McCormack, T. (2016). *Developmental Dyscalculia: Prevalence, Stability, Gender differences and Comorbidity*. Oral presentation at the annual conference of the British Psychological Society (BPS) (developmental section), Belfast, UK.
- Van Bers, B., Visser, I., & Raijmakers, M. (2015). *Training- and transfer effects of causally related feedback in the Dimensional Change Card Sorting task*. Poster presentation at the conference of the Society for Research in Child Development (SRCD), Philadelphia, US.

## **Teaching & Mentoring**

- 2018                      Obtained university teaching qualification for scientific education (BKO; Basis Kwalificatie Onderwijs)
- 2007-2018              Teacher and coordinator of various subjects and working groups, and mentor of various students during a scientific internship or writing a bachelor or master thesis.

A complete overview of my publications, presentations and teaching can be found on my website [www.vanbersetal.com](http://www.vanbersetal.com).