

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
 Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Noland, Julia S.		POSITION TITLE Research Assistant Professor	
eRA COMMONS USER NAME julia.noland			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Earlham College, Richmond, IN	BA	1991	Psychology
Cornell University, Ithaca, NY	PhD	1998	Experimental Psychology

**A. Positions and Honors**

**Positions and Employment**

- 1992 – 1994 Research Assistant, Memory Disorder Research Center, Boston University, Boston, MA, Laid Cermak, Director, full-time
- 2001 – 2003 Senior Research Associate, Department of Pediatrics, Case Western Reserve University, Cleveland, OH, Lynn Singer, Ph.D. Supervisor; part-time, non-tenure track (20% time).
- 2002 – 2003 Adjunct Instructor, Department of Pediatrics, Case Western Reserve University, Cleveland, OH, Lynn Singer Ph.D., Supervisor; part-time, non-tenure track (20% time).
- 2003 – pres Research Assistant Professor, Department of Psychology and Human Development and Investigator, Vanderbilt Kennedy Center for Research on Human Development, Vanderbilt University, Nashville, TN.
- 2007 – pres Director, Pediatric Hearts and Minds Center of the Monroe Carell Jr. Children’s Hospital at Vanderbilt, Vanderbilt University, Nashville, TN.

**Other Experience and Professional Memberships**

- 1996 – pres International Society for Infant Development
- 1997 – pres Society for Research in Child Development
- 1999 – pres Cognitive Development Society
- 2003 – 2004 Research Society on Alcoholism
- 2003 – pres Vanderbilt Kennedy Center for Research on Human Development
- 2004 – pres Neurobehavioral Teratology Society

**Honors**

- 1991 Honors on thesis, White Award for Excellence in Psychology, Earlham College, Richmond, IN
- 1997 – 1998 NRSA Predoctoral Trainee, T32 MH19389, Cornell University, Ithaca, NY
- 1998 – 2001 NRSA Postdoctoral Fellow, F32 DA05901, Case Western Reserve University, Cleveland, OH

**B. Selected peer-reviewed publications (in chronological order)**

- Keane, M. M., Gabrieli, J. D. E., Noland, J. S., & McNealy, S. I. (1995). Normal perceptual priming of orthographically illegal nonwords in amnesia. *Journal of the International Neuropsychological Society, 1*, 425-433.
- Keane, M. M., Gabrieli, J. D. E., Monti, L. A., Fleischman, D. A., Cantor, J. M., & Noland, J. S. (1997). Intact and impaired conceptual memory processes in amnesia. *Neuropsychology, 11*, 59-69.
- Noland, J.A. (2001). The A-not-B task. In L.T. Singer and P.S. Zeskind (Eds.), *Behavioral Assessment of the Infant* (pp. 312-322). New York: Guilford Publications.
- Noland, J. S., Singer, L. T., Mehta, S. K., & Super, D. M. (2003). Prenatal cocaine/polydrug exposure and infant performance on an executive functioning task. *Developmental Neuropsychology, 24* (1), 499-517.
- Noland, J. S., Singer, L. T., Arendt, R. E., Minnes, S., Short, E. J., & Bearer, C. F. (2003). Executive functioning in preschool-age children prenatally exposed to alcohol, cocaine, and marijuana. *Alcoholism: Experimental & Clinical Research, 27* (4), 647-656.
- Arendt, R. E., Noland, J. S., Short, E. J., & Singer, L. T. (2004). Prenatal drug-exposure and mental retardation. In L.M. Glidden (Ed.), *International Review of Research in Mental Retardation, 29*, pp. 31-56. San Diego, CA: Elsevier Science.
- Noland, J. S., Singer, L. T., Short, E. J., H. L. Kirchner, Minnes, S., Arendt, R. E., & Bearer, C. F. (2005). Prenatal drug-exposure and selective attention in preschoolers. *Neurotoxicology and Teratology, 27*(3), 429-438.
- Singer, L. T., Eisengart, L.J., Minnes, S., Jey., Lane, C., Ardent, R.E., Noland, J.S., Min, M.O. (2005). Prenatal cocaine exposure and infant cognition. *Infant Behavior and Development, 28*, 431-444.
- Noland, J. S. (2005). Crack baby syndrome. In N. J. Salkind (Ed.), *The Encyclopedia of Human Development*. Thousand Oaks, CA: SAGE Publications.
- Noland, J. S. (2007). It is not just about location: Infants persevere to container shape during object search. *Infancy, 11* (3).
- Noland, J. S. (in press). Executive functioning demands of the Object Retrieval task for 8-month-old infants. *Child Neuropsychology*.

**C. Research Support**

**Ongoing Research Support**

Gerber Foundation Research Aschner (PI) 06/01/06 – 05/31/09  
*Neurodevelopment and Neuroimaging in Parenterally-fed Infants and Young Children*.  
We will compare executive functioning battery in infants exposed to high-levels of Manganese(Mn) and controls. We will also relate level of brain Mn uptake documented by fMRI and EF.  
Role: Co-Investigator

R03MH075811 Noland (PI) 12/01/06 – 1/30/09  
NIMH  
*Family Risk for ADHD and Infant Neuropsychology*  
Assessments of executive functioning (EF) and temperament in infant with a family history of ADHD (n = 50) and controls (n = 50). Groups will be compared and relationships between EF and high approach temperament investigated.  
Role: Principal Investigator

**Completed Research Support**

#787 Noland (PI)

07/01/04 – 06/30/06

National Alliance for Autism Research

*Cognitive control in the first year of life in siblings of children with ASD.*

Attentional flexibility and working memory in 30 infant siblings of children with ASD and 30 infant siblings of typically developing children will be compared. Groups will also be compared on their relative success with social and nonsocial stimuli. We will also examine the developmental importance of first-year cognitive control to coordination of social attention in the second year of life.

Role: PI