

Curriculum Vitae

Krista Schendel Parker, Ph.D.

Position: Cognitive Neuroscientist, Health Science Research Specialist (GS-12)
October 2002 - Present

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RESEARCH INTERESTS

Human Neuropsychology of Spatial Representation & Visual Attention: Disorders of Visual and Spatial Abilities following brain damage, Plasticity/Recovery of Vision and Attention after brain damage. Neuropsychological Assessment and Rehabilitation.

EDUCATION & TRAINING

2001-2004 Postdoctoral Fellow, U.C. Berkeley, Department of Psychology

1995-2001 Ph.D., Neuroscience, University of California, Davis

1990-1994 B.A., Psychology, University of California, Los Angeles
Graduated with Honors, Summa Cum Laude GPA = 3.88

HONORS AND AWARDS

1998-99 NIMH Training Fellow, U.C. Davis

1998 Fellow, McDonnell Summer Institute in Cognitive Neuroscience (2nd Ed.)

1998 Phi Sigma Bioscience Honor Society, Gamma Delta Chapter

1997-98 NIMH Training Fellow, U.C. Davis

1997 ARCS Fellowship Award - "1997 Jacquelin Hume Memorial Scholar"

1997 U.C. Davis Neuroscience Graduate Group Fellowship

1996 Fellow, McDonnell Summer Institute in Cognitive Neuroscience

1996 National Science Foundation Honorable Mention

1995-00 Floyd and Mary Schwall Fellowship, U.C. Davis (5-year tuition fellowship)

1994 Chancellor's Service Award, UCLA

1993 Second place - UCLA PSSP Annual Essay Contest

1991-94 Dean's Honor List, UCLA

1992-94 Member of UCLA College Honors Program

1990 Scholarship from American University Women (AUW)

1990 Scholarship from the Society of Women Engineers

PUBLICATIONS & PRESENTATIONS

- List, A., Brooks, J.L., Esterman, M., Flevaris, A., Landau, A.N., Bowman, G., Stanton, V., VanVleet, T., Robertson L.C. & **Schendel, K.** (submitted). Neglect, Twice-Assessed. *Journal of the International Neuropsychological Society*.
- Schendel, K.** & Robertson, L.C. (under revision). Object-based IOR may rely on updated spatial reference frames: A study on the role of stimulus motion. *Psychological Bulletin & Review*.
- Schendel, K.**, List, A., VanVleet, T.M., Brooks, J.L., Stanton, V., Flevaris, A.V., Landau, A.N., Esterman, M. & Robertson, L.C. (2005). Neglect: Subcomponents and neural substrates. Poster, Annual Cognitive Neuroscience Society Meeting, New York, NY, April 2005.
- Schendel, K.** & Robertson, L.C. (2004). Reaching out to see: Arm position can attenuate human visual loss. *Journal of Cognitive Neuroscience*, 16(6), 935-943.
- Schendel, K.** & Robertson, L.C. (2003). Spatial Reference Frames for Attention. Poster 1074, 44th Annual Psychonomic Society Meeting, Vancouver, BC, Canada, November, 2003.
- Schendel, K.** & Robertson, L.C. (2003). Arm position may modulate human visual loss. Poster E307, Annual Meeting of the Cognitive Neuroscience Society, New York, NY, April 2003.
- Schendel, K.L.** & Robertson, L.C. (2002). Using reaction time to assess patients with unilateral neglect and extinction. *Journal of Clinical and Experimental Neuropsychology*, 27(7), 941-950.
- Schendel, K.L.**, Fahy, J. & Robertson, L.C. (2002). Stimulus driven influences on attentional selection of spatial reference frames in patients with neglect. *Annual Meeting of the Cognitive Neuroscience Society*, San Francisco, April, 2002.
- Schendel, K.L.**, Robertson, L.C. & Treisman, A. (2001). Objects and their locations in exogenous cuing. *Perception & Psychophysics*, 63(4), 577-594 (Lead article).
- Schendel, K.L.** (2001). Spatial reference frames for visual attention: Evidence from healthy and brain-damaged human adults. *International Dissertation Abstracts*, 2001.
- Schendel, K.L.** & Robertson, L.C. (2001). Reflexive orienting to moving objects may require spatial referents. Paper presented at *Cognitive Science Association for Interdisciplinary Learning (CSAIL)*, Hood River, OR, July 26-31, 2001.
- Robertson, L.C. & **Schendel, K.L.** (2000). Methods and converging evidence in neuropsychology. In J. Grafman & F. Boller (Eds.), *Handbook of Neuropsychology*, 2nd ed., Vol. 1, pp. 345-365. New York: Elsevier.

Phan, M.L., **Schendel, K.L.**, Recanzone, G.H. & Robertson, L.C. (2000). Auditory and visual spatial localization deficits following bilateral parietal lobe lesions in a patient with Balint's syndrome. *Journal of Cognitive Neuroscience*, 12(4), 583-600.

Schendel, K.L. & Robertson, L.C. (2000). Spatial reference frames in object-based attention. Poster presented at the *41st Annual Meeting of the Psychonomic Society*, New Orleans, LA: November, 2000.

Schendel, K.L. (2000). Object-based IOR in dynamic displays: A role for common motion? Poster presented at the *Cognitive Neuroscience Society Meeting*, San Francisco, CA: April, 2000.

Schendel, K.L., Robertson, L C. & Treisman, A. (1999). Object identity modulates reflexive attentional orienting: evidence for interaction between object and location processing in the visual system. Poster presented at the *Cognitive Neuroscience Society Meeting*, Washington, DC: April, 1999.