

# CURRICULUM VITAE

Jonathan Curtis Hansen

## PERSONAL DATA

Born: October 2, 1952, Urbana, Illinois; U.S. Citizen

## EDUCATION

Ph.D. University of California, San Diego, 1981, Neuroscience.

B.S. University of Illinois, Urbana-Champaign, 1974, Physiology.

B.A. University of Illinois, Urbana-Champaign, 1974, Mathematics.

## POSITIONS

1981- Post-doctoral Fellow, Dept. of Neurosciences, UCSD  
School of Medicine.

1978-1980 USPHS Traineeship, Dept. of Neurosciences, UCSD  
School of Medicine with Dr. Steven A. Hillyard.

1974-77 Research Assistant, Dept. of Neurosciences, UCSD  
School of Medicine

## HONORS AND AWARDS

National Science Foundation Fellow, UCSD School of Medicine,  
1974-1977

## PROFESSIONAL ACTIVITY

Reviewer for Psychophysiology  
Reviewer for Biological Psychology

## SOCIETY MEMBERSHIPS

Society for Neuroscience  
Society for Psychophysiological Research  
American Association for the Advancement of Science  
Association for Computing Machines  
Institute of Electrical and Electronic Engineers

## PUBLICATIONS

Hansen, J.C. and Hillyard, S.A. Endogenous brain potentials associated with selective auditory attention. Electroencephalography and Clinical Neurophysiology, 49: 277-290, 1980.

- Hansen, J.C. and Hillyard, S.A. Selective attention to multidimensional auditory stimuli in man. *Journal of Experimental Psychology: Human Perception and Performance*, 9: 1-19, 1983.
- Hansen, J.C., Dickstein, P.W., Berka, C. and Hillyard, S.A. Event-related potentials during selective attention to speech sounds. *Biological Psychology*, 16: 211-229, 1983.
- Hansen, J.C. Separation of overlapping waveforms with known temporal distribution. *Journal of Neuroscience Methods*, 9: 127-139, 1983.
- Hansen, J.C. and Hillyard, S.A. Effects of stimulation rate and attribute cueing on event-related potentials during selective auditory attention. *Psychophysiology*, 21: 394-405, 1984.
- Woods, D.L., Hillyard, S.A., and Hansen, J.C. Event-related potentials reveal similar attentional mechanisms during selective listening and shadowing. *Journal of Experimental Psychology: Human Perception and Performance*, 10: 761-777, 1984.
- Hillyard, S.A. and Hansen, J.C. Attention: Electrophysiological Approaches. In: M.G.H. Coles, E. Donchin and S.W. Porges (Eds.). *Psychophysiology: Systems, Processes and Applications*. New York, Guilford Press, 1986, pp. 227-243.
- Mangun, G.R., Hansen, J.C. and Hillyard, S.A. Electroretinograms reveal no evidence for centrifugal modulation of retinal inputs during selective attention in man. *Psychophysiology*, 23: 156-165, 1986.
- Hillyard, S.A., Woldorff, M., Mangun, G.R. and Hansen, J.C. Mechanisms of early selective attention in auditory and visual modalities. *Electroencephalography Clinical Neurophysiology Supplement* 39: 317-324, 1987.
- Woldorff, M., J.C. Hansen and S.A. Hillyard. Evidence for effects of selective attention in the midlatency range of the human auditory event related potential. In: R. Johnson, J. Rohrbaugh and R. Parasuraman (Eds.). *Current Trends in Event Related Potential Research*. *Electroencephalography and Clinical Neurophysiology Supplement* 40: 146-154, 1987.
- Hansen, J.C. and S.A. Hillyard. Temporal dynamics of human auditory selective attention. *Psychophysiology* 25: 316-329, 1988.
- Hansen, J.C. and M. Woldorff. Mechanisms of auditory selective attention as revealed by Event-Related Potentials. *Electroencephalography and Clinical Neurophysiology Supplement* 42: 195-209, 1991.
- Morgan, S.T., J.C. Hansen and S.A. Hillyard. Selective attention to stimulus location modulates the steady-state visual evoked potential. *Proceedings of the National Academy of Sciences USA* 93: 4770-4774, 1996.