

GASPAR, JOHN MANUEL

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Canadian citizenship

EDUCATION

Simon Fraser University, Burnaby, BC
2005 - Present
B.A. in Psychology
Areas of Concentration: Cognitive Neuroscience and Biological Psychology
Cumulative GPA: 3.48

Douglas College, New Westminster, BC
2003 - 2005
Associates Degree
Areas of Concentration: Psychology and Criminology

University of British Columbia, Vancouver, BC
2000 - 2001
Certificate in Internet Publishing
Cumulative GPA: 4.0 – graduated highest in class.

RESEARCH AND RELEVANT WORK EXPERIENCE

Simon Fraser University, Human Brain Research Laboratory, Burnaby, BC
2007 - Present
Research Assistant
MEG neuroimaging and SAM/erSAM data processing/analysis.

Simon Fraser University, Behavioural Endocrinology Laboratory, Burnaby, BC
2006 - 2007
Research Assistant
Immunocytochemistry (ICC), polymerase chain reaction (PCR), as well as various surgical techniques.

Simon Fraser University Human Neuropsychology Laboratory, Burnaby, BC
2006 - 2007
Research Assistant
Database design and implementation for large datasets of standardized neuropsychological measures.

North Shore Association for the Mentally Handicapped, North Vancouver, BC
2006 - 2007
Respite Caregiver
Provided respite care on a regular weekly basis for family with two autistic children.

VOLUNTEER EXPERIENCE

British Columbia Psychological Association, Vancouver, BC
2005 - 2006

Organized and assisted at workshops put on by the BCPA as well as directed web and print design for all backend member services.

Riverview Hospital, Coquitlam, BC
2004

Provided regular one-to-one social contact with an individual patient to enhance socialization and accompanied patient on outings both on the hospital grounds and into the community.

ACTIVITIES AND CONTRIBUTIONS

Guest Speaker:

Saint Thomas More Collegiate, Burnaby, Canada (grades 11 & 12): 'An Introduction into the Structure and Function of the Brain – A Dissection Study' (September, 2008).

Workshop Organizing Committees:

Co-organizer, Human Brain Lab and Science Alive! Present: Brain Camp – A Neuroscience Workshop for Children. Burnaby, Canada (2008-present).

PUBLICATIONS LIST

Articles in Refereed Journals:

Hamson, D.K., Csaputy, A.S., Gaspar, J.M., and Watson, N.V. (submitted). Sex difference in Foxp2 expression in the rat cerebellum but not in the caudate/putamen. *Genes, Brain and Behavior*.

Abstracts:

Gaspar, J.M., and Herdman, A.T. (2008). Beamforming event-related fields to highly experienced single-letter and word stimuli. *Society for Neuroscience*, Washington DC, November 15-19, 2008.

Gaspar, J.M., and Herdman, A.T. (2008). Experience with text modifies early event-related visual fields. *Pacific Northwest Chapters Meeting of the Society for Neuroscience*, Vancouver BC, April 19, 2008.

Gaspar, J.M., and Herdman, A.T. (2008). Neural connectivity of experienced visual information. *Cognitive Neuroscience Society*, San Francisco CA, March 21-24, 2008.

Manuscripts in Progress:

Herdman, A.T., Gaspar, J.M., and Hoskyn, M. (in preparation; 70% complete). Neural correlates of orthographic perception in typically and atypically developing readers. *Invited article in a special issue for the Journal of Learning Disabilities*.

Work in Progress:

Gaspar, J.M., Schneider, J.A., and Herdman, A.T. (in progress). Object substitution masking of single-letter stimuli.

Gaspar, J.M., and Herdman, A.T. (in progress). ERPs and ERFs to single-letter stimuli.

Schneider, J.A., Gaspar, J.M., and Herdman, A.T. (in progress). Functional communication within the neural network used during an auditory selective-attention task.

Herdman, A.T., Schneider, J.A., Gaspar, J.M., and Stapells, D.R. (in progress). Children's neural generators of auditory selective attention.

Liotti, M., Gaspar, J.M., and Herdman, A.T. (in progress). Neural network involved in a stop signal task as discovered using MEG.