

## CURRICULUM VITAE

**Name:** Jeffrey S. Martzke, Ph.D., R.Psych. (#01134)

### Nelson, BC

### Castlegar, BC

**Address:** Summit Psychology Group  
#307 - 625 Front Street  
Nelson, B. C.  
V1L 4B6

Acquired Brain Injury Services  
Castlegar Health Centre  
709 – 10<sup>th</sup> Street  
Castlegar, B.C. V1N 2H7

**Phone Number:** (250) 352-6600  
(250) 352-6648 (fax)

(250) 304-1260  
(250) 304-1234

**Email:** [martzke@summitpsychology.org](mailto:martzke@summitpsychology.org)

jeff.martzke@interiorhealth.ca

**Address:**

Selkirk College  
O-022 301 Frank Beinder Way  
Castlegar, B.C. V1N 3J1

**Phone Number:**

(250) 365-7292 X405

**Email:**

jmartzke@selkirk.ca

## Education and Training

**Psychology Residency**  
1988-1989

**Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois**  
Major: Neuropsychology Track, Department of Psychology  
Supervisors: David Garron, Ph.D., ABPP  
Linus Bieliauskas, Ph.D., ABPP

**Ph.D., 1989**

**University of Iowa**  
Major: Clinical Psychology  
Minor: Health and Behavioral Sciences  
Dissertation Advisor: John Cacioppo, Ph.D.

**M.A., 1985**

**University of Iowa**  
Major: Psychology  
Thesis Advisor: Donald Routh, Ph.D.

**B.S., 1983**

**University of Wisconsin - Green Bay**  
Major: Human Development/Psychology  
Major: Public Administration - Health Services Track  
Honours Thesis Advisor: Fergus Hughes, Ph.D.

### Professional Experience

#### Clinical Experience

- 2007 – current                    **Instructor**, University Arts and Sciences Faculty, Selkirk College, Castlegar, British Columbia. Provide instruction for Biological Psychology and Research Methods courses.
- 2004 – current                    **Neuropsychologist**, Acquired Brain Injury Service, West Kootenay Boundary Health Region and East Kootenay Health Region, Interior Health Authority, British Columbia. Conduct neuropsychological evaluations and consult on rehabilitation plans for patients referred to the Acquired Brain Injury Programs. Participate in program planning and evaluation.
- 2003 - current                    **Adjunct Professor**, Department of Psychology, Simon Fraser University, Burnaby, British Columbia in the specialty area of Clinical Neuropsychology. Primary research supervisor of Clinical Neuropsychology graduate students.
- 2002 - current                    **Clinical Assistant Professor**, Faculty of Medicine, Department of Medicine, Division of Neurology, University of British Columbia, Vancouver, British Columbia.
- 2001 - 2006                      **Consultant**, B.C. Cancer Agency, Vancouver, British Columbia.
- 1997 - current                    **Adjunct Professor**, Department of Psychology, University of British Columbia, Vancouver, British Columbia. Primary research supervisor of Clinical Psychology Ph.D. students.
- 1991 - current                    **Neuropsychologist**, Private Practice, London, Ontario, Vancouver British Columbia and Nelson, British Columbia. Provide neuropsychological and psychodiagnostic assessments for rehabilitation and medicolegal purposes. Clients have included WCB, private rehabilitation companies, College of Physicians and Surgeons, ICBC, major airlines, criminal injury board, and disability insurers.
- 1994 – 2006                      **Neuropsychologist**, Department of Psychology, Vancouver Hospital and Health Sciences Centre, Vancouver, British Columbia. Conduct neuropsychological evaluations of patients admitted to neurology, neurosurgery, and psychiatry (schizophrenia research) units. Teach and supervise psychology practicum and internship students and postdoctoral fellows. Direct research programs as detailed below.

1993 - 1995                      **Adjunct Professor**, Department of Psychology, University of Western Ontario, London, Ontario.

1989 - 1994                      **Neuropsychologist**, Department of Psychology Services, University Hospital, London, Ontario. Conducted and supervised neuropsychological evaluations of patients admitted to neurology and neurosurgery wards and within outpatient neurology clinics. Taught and supervised neuropsychology interns. Supervised practice of neuropsychologist on the Temporary Register in Ontario, Canada.

### **Research Experience**

2001 – 2006                      **Co-Principal Investigator** of research project assessing long term cognitive, mood and quality of life outcome following parasellar irradiation for pituitary adenoma (in collaboration with Dr. Roy Ma, Radiation Oncologist, BC Cancer Agency).

1998 - current                      **Principal Investigator** of multidisciplinary, grant-funded (Canadian Institutes of Health Research, British Columbia Health Research Foundation, Vancouver Hospital Foundation) research projects examining outcome following pallidal, thalamic and subthalamic brain stimulator implantation for treatment of refractory dyskinesia, tremor and facial pain.

1998 - 2000                      **Co-Principal Investigator** of multidisciplinary research project examining changes in cognition, emotion and quality of life following surgical intervention for unruptured intracranial aneurysms.

1997 - 2000                      **Co-investigator** on grant-funded project examining the relationship between tactile and olfactory agnosia in patients with schizophrenia.

1997 - 2000                      **Consultant and collaborator** on multidisciplinary grant-funded research (Canadian Psychiatric Research Foundation) examining the effects of hormone replacement therapy on symptoms, cognitive function and mood in post-menopausal women with and without schizophrenia.

1996 - 2006                      **Principal Investigator** of multidisciplinary research project examining changes in cognition, emotion and quality of life following pallidotomy and thalamotomy for patients with Parkinson's disease, dystonia, multiple sclerosis and essential tremor.

## CURRICULUM VITAE

Page 4

Jeffrey S. Martzke

---

- 1996 - 1999                    **Co-investigator** on multidisciplinary grant-funded research (Medical Research Council of Canada) examining the influence of epi-aortic screening on CNS outcome following coronary surgery.
- 1994 - 2003                    **Consultant and Collaborator** on multidisciplinary grant-funded research (Medical Research Council of Canada) examining convergence of olfactory and cognitive markers of brain dysfunction in patients with schizophrenia.
- 1992 - 1997                    **Co-investigator** on multidisciplinary grant-funded research project (Medical Research Council of Canada) examining neuropsychological morbidity associated with repeated, elective episodes of cardiac arrest.
- 1989 - 1996                    **Co-investigator** on multidisciplinary grant-funded research project (Heart and Stroke Foundation of Ontario) examining neurological-neuropsychological outcome as a function of cerebral bloodflow management techniques during coronary artery bypass operations.
- 1985, 1987                    **Research Assistant**, Department of Psychology, University of Iowa, Iowa City, IA. Developed and assessed the validity of a battery of tests assessing cognitive sequella to orbital-frontal lobe damage.

### External Funding

- 2003-2006                    Canadian Institutes of Health Research - Principal Investigator. "Neurobehavioral outcome following implantation of bilateral subthalamic nucleus stimulators in Parkinson's disease" in collaboration with C. Honey (Co-Investigator) \$33,000.
- 2003                            Vancouver Hospital Interdisciplinary Research Grant - Co-Investigator. "Neurobehavioral outcome following thalamic DBS for chronic facial pain" in collaboration with M. Sinden (Principal Investigator) and C. Honey and D. Kerr (Co-Investigators) \$9,936.
- 2002-2004                    Vancouver Hospital Foundation Special Opportunities Research Fund Award - Principal Investigator. "Neurobehavioral outcome following bilateral subthalamic nuclei deep brain stimulation" in collaboration with C. Honey (Co-investigator). \$35,500.

## CURRICULUM VITAE

Page 5

Jeffrey S. Martzke

---

- 2000-2002 Vancouver Hospital and Health Sciences Centre New Opportunities Award (Investigator Award). \$60,000.
- 1999-2001 British Columbia Health Research Foundation Grant - Principal Investigator. "Neurobehavioral effects of pallidal stimulation," in collaboration with C. Honey, C. Lee and J. Tsui (Co-Investigators) \$55,777.
- 1997 Dalhousie Univ. Department of Psychiatry Grant. "Neurobehavioral probes in psychiatric conditions: Independence of olfactory and tactile identification performance," in collaboration with K. Good (Principal Investigator) and L. Kopala (Co-Investigator) \$4570.
- 1997 Canadian Psychiatric Research Foundation. "The effect of hormone replacement therapy on symptoms, cognitive function and mood in post-menopausal women with and without schizophrenia", consultant in collaboration with L. Kopala (Principal Investigator) \$40,840.
- 1996 - 1999 Medical Research Council of Canada. "The influence of epi-aortic screening on CNS outcome following coronary surgery", in collaboration with J.M. Murkin (Principal Investigator) and A.H. Menkis, D.B. Downey and M.A. St. Amand (Co-Investigators) \$159,027.
- 1995 - 1998 Medical Research Council of Canada. "Neurobehavioural Probes in Schizophrenia", consultant in collaboration with L. Kopala (Principal Investigator) \$27,000.
- 1992 - 1994 Medical Research Council of Canada. "Neuropsychological Sequella of Circulatory Arrest" in collaboration with J.M. Murkin (Principal Investigator) and D.H. Lee (Co-Investigator) \$149,540.
- 1992 - 1993 Ontario Heart and Stroke Foundation Program Grant in collaboration with J.M. Murkin (Principal Investigator) and D.H. Lee (Co-Investigator) \$19,975.
- 1991 - 1992 Ontario Heart and Stroke Foundation Grant. "Neurologic Outcome After Coronary Surgery" in collaboration with J.M. Murkin (Principal Investigator) and A.M. Buchan, D.A. Sim (Co-Investigators) \$55,520.

## CURRICULUM VITAE

Page 6

Jeffrey S. Martzke

---

- 1991 University Hospital Foundation Grant. "Grant to Establish a Neuropsychology Laboratory" in collaboration with G. Grace and H. Reichman. \$5,500.00
- 1989 - 1991 Ontario Heart and Stroke Foundation Grant. "Neurologic Outcome After Coronary Surgery" in collaboration with J.M. Murkin (Principle Investigator) and A.M. Buchan, D.A. Sim (Co-Investigators). \$128,520.00

### **Professional Service**

- Team Grant Reviewer, Canadian Institutes of Health Research (CIHR), 2005 - current.
- Member, Research Advisory Committee, Vancouver Hospital and Health Sciences Centre, 2003.
- Review committee member, VHHSC Interdisciplinary Grants Competition, 2001.
- Examiner, College of Psychologists of British Columbia, 1996 to present.
- Member, Brain Injury Support Team, Vancouver General Hospital, Vancouver, British Columbia, 1994 to 2000.
- Chairperson and Member, Neurosciences Patient and Family Needs Assessment Team, Vancouver General Hospital, 1996 to 2000.
- Member, Program Committee, 1993 International Neuropsychological Society North American Meeting, Galveston, TX.
- Chairperson, Psychological Conference and Education Committee, University Hospital, 1992-1994.
- Chairperson, Psychology Department Quality Assurance Committee, University Hospital, 1991.

**Awards and Honours**

New Opportunities Award - Vancouver Hospital and Health Sciences Centre, 2000 (\$60,000)

Lennard Shangi Award - For excellence in service by a consultant or consulting organization.  
Presented by Dale Rehabilitation Services, London, Ontario, 1992.

Patrick and Dulcie Lenox Endowment Prize - A \$10,000 research prize given to a researcher who submits an outstanding application to the B.C. Health Research Foundation's annual grants competition which is relevant to Parkinsons or other related neurodegenerative diseases.

Practice of the Profession (Parke O. Davidson) Award – Presented by the British Columbia Psychological Association for excellence in teaching, research and practice in psychology, Vancouver, British Columbia, 2007.

**Professional Memberships**

Registered Psychologist in British Columbia, Canada (Registration Number 01134)

International Neuropsychological Society

American Psychological Association, Division 40 (Neuropsychology)

Canadian Psychological Association, Section 23 (Neuropsychology – past)

Registered Psychologist in Ontario, Canada (past)

Registered Psychologist - Canadian Register of Health Service Providers in Psychology (past)

British Columbia Psychological Association (past)

### Publications

- Berk, C., Carr, J.A., Sinden, M., Martzke, J.S., & Honey, C. R. (2002). Thalamic deep brain stimulation for tremor due to multiple sclerosis: a prospective study of tremor and quality of life. Journal of Neurosurgery, *97*, 815-820.
- Cacioppo, J.T., Martzke, J.S., Petty, R.E. and Tassinary, L.G. (1988). Specific forms of facial EMG responses index emotions during an interview: From Darwin to the continuous flow model of affect-laden information processing. Journal of Personality and Social Psychology, *54*, 592-604.
- Carr, J.A.R., Honey, C.R., Sinden, M., Phillips, A.G., and Martzke, J.S. (2003). A waitlist control-group study of cognitive, mood, and quality of life outcome after posteroventral pallidotomy in Parkinson disease. Journal of Neurosurgery, *99*, 72-82.
- Feldman, H.H., Maia, L.F., Mackenzie, I.R.A., Forster, B.B., Martzke, J.S., Woolfenden, A. (2008). Superficial siderosis: a potential diagnostic marker of cerebral amyloid angiopathy in alzheimer disease, Stroke, *39*, 2894.
- Good, K.P., Martzke, J.S., Abi Daoud, M., Kopala, L.C. (2003). Unirhinal norms for the University of Pennsylvania Smell Identification Test, The Clinical Neuropsychologist, *17*, 226-234.
- Good, K.P., Martzke, J.S., Honer, W.G., and Kopala, L.C. (1998). Left nostril olfactory identification impairment in a subgroup of male patients with schizophrenia. Schizophrenia Research, *33*, 35-43.
- Good, K.P., Martzke, J.S., Milliken, H.I., Honer, W.G., and Kopala, L.C. (2002). Unirhinal olfactory identification deficits in young male patients with schizophrenia and related disorders: Association with impaired memory function, Schizophrenia Research, *56*, 211-223.
- Hudson, A. J. and Martzke, J.S. (1993). Aphasic dementia and motor neuron disease. Annals of Neurology, *34*, 417-418.
- Kopala, L.C., Lewine, R., Good, K.P., Fluker, M., Martzke, J.S., LaPointe, J.S., and Honer, W.G. (1997). Clinical features of schizophrenia in a woman with hyperandrogenism, Journal of Psychiatry and Neuroscience, *22*, 56-60.
- Kopala, L., Good, K., Martzke, J., Hurwitz, T. (1995). Olfactory deficits in schizophrenia are not a function of task complexity. Schizophrenia Research, *17*, 195-199.



## CURRICULUM VITAE

Page 9

Jeffrey S. Martzke

---

- Martzke, J.S., Andersen, B.L. and Cacioppo, J.T. (1987). Cognitive assessment of anxiety disorders. In L. Michelson and L. Ascher (Eds.), Anxiety and stress disorders: Cognitive-behavioral assessment and treatment, New York: Guilford Press.
- Martzke, J.S., Kopala, L.C. and Good, K.P. (1997). Olfactory dysfunction in neuropsychiatric disorders: Review and methodological considerations. Biological Psychiatry, 42, 721-732.
- Martzke, J.S., Swan, C.M. and Varney, N.R. (1991). Neuropsychological and neuropsychiatric characteristics of patients with post-traumatic damage to orbital frontal cortex. Neuropsychology, 5, 213-226.
- Murkin, J.M., Baird, D.L., Martzke, J.S. and Yee, R. (1997). Cognitive dysfunction after ventricular fibrillation during implantable cardioverter/defibrillator procedures is related to duration of the reperfusion interval. Anesthesia and Analgesia, 84, 1186-1192.
- Murkin, J.M. and Martzke, J.S. (1993). CNS Dysfunction after cardiopulmonary bypass. In J. Kaplan (Ed.), Cardiac Anaesthesia, 3rd Edition, W. B. Saunders, Philadelphia, PA.
- Murkin, J.M., Martzke, J.S., Buchan, A.M., Bently, C., Wong, C.J. (1995). A randomized study of the influence of perfusion technique and pH management strategy in 316 patients undergoing coronary artery bypass surgery: (Part 1) Mortality and cardiovascular morbidity. The Journal of Thoracic and Cardiovascular Surgery, 110, 336-348.
- Murkin, J.M., Martzke, J.S., Buchan, A.M., Bently, C., Wong, C.J. (1995). A randomized study of the influence of perfusion technique and pH management strategy in 316 patients undergoing coronary artery bypass surgery: (Part 2) Neurological and cognitive outcomes. The Journal of Thoracic and Cardiovascular Surgery, 110, 349-62.
- Roach, G.W., Newman, M.F., Murkin, J.M., Martzke, J., Ruskin, A., Li, J., Guo, A., Wisniewski, A., and Mangano, D.T. (1999). Ineffectiveness of burst suppression therapy in mitigating perioperative cerebrovascular dysfunction. Multicenter Study of Perioperative Ischemia (McSPI) Research Group. Anesthesiology, 90, 1255-1264.
- Varney, N.R., Martzke, J.S. and Roberts, R.J. (1987). Major depression in patients with closed head injury. Neuropsychology, 1, 7-9.

**Presentations (Published Abstracts)**

Carr, J.A.R., Martzke, J.S., Sinden, M., Honey, C.R. & Berk, C. (2002). Breadth and magnitude of cognitive changes following pallidotomy increase when practice is accounted for. Paper to be presented at 30<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Toronto, Ontario, Canada.

Carr, J., Martzke, J.S., Sinden, M., & Philips, A. (2000). Neuropsychological correlates of performance on subject-ordered pointing tasks with words and designs as stimuli in a sample of patients with Parkinson's disease. Paper presented at the 10<sup>th</sup> Annual Rotman Research Institute Conference - "The Frontal Lobes," Toronto, Ontario, Canada.

Carr, J., Sinden, M., & Martzke, J. (2001). Effect of pallidotomy on conditional associative learning is moderated by task experience. Platform presentation at the 29<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Chicago, IL, USA.

Carr, J., Sinden, M., Honey, C.R., Berk, C. & Martzke, J. (2001). Neuropsychological outcome from posteroventral pallidotomy: A waitlist control group study. Presentation at the 1st Annual Mental and Behavioral Dysfunction in Movement Disorders Meeting, Montreal, Quebec, Canada.

Good, K.P., Kopala, L.C., Kiss, I., Martzke, J.S. & Whitehorne, D. (2000). Predicting future social and occupational adaptation based on olfactory identification performance at a first episode psychosis. Paper presented at the 2<sup>nd</sup> International Early Psychosis Association Meeting, New York, NY, USA.

Good, K.P., Kopala, L.C., Martzke, J.S., Fluker, M., Seeman, M.V., Parish, B., Shapiro, H. & Whitehorne, L. (1999). Hormone replacement therapy in postmenopausal women with schizophrenia: Preliminary findings. Paper presented at the 7<sup>th</sup> International Congress on Schizophrenia Research, Santa Fe, NM, USA.

Good, K.P., Kopala, L.C., Martzke, J.S., & Honer, W.G. (1995). Converging lateralized olfactory and neuropsychological deficits in male patients with schizophrenia. Paper presented at the 5th International Congress on Schizophrenia Research, Warm Springs, VA, USA.

Good, K.P., Martzke, Addleman, B., Whitehorn, D., & Kopala, L.C. (1999). The predictive validity of cognitive performance in patients with first-episode psychosis. Paper presented at the Mount Sinai Conference on Schizophrenia Research, Santa Fe, NM, USA.

- Good, K.P., Martzke, J.S., Frankland, B.W. & Kopala, L.C. (1998). Concurrent validity of the PANSS Cognitive Factor in First Episode Schizophrenia. Paper presented at the American Psychiatric Association annual meeting, Toronto, Canada.
- Good, K.P., Martzke, J.S., Honer, W.G., & Kopala, L.C. (1999). Relationship between cognitive functioning and symptom ratings in patients with first episode psychosis. Paper presented at the Mount Sinai Conference on Schizophrenia Research, Santa Fe, NM, USA.
- Good, K.P., Martzke, J.S., Honer, W., and Kopala, L.C. (1997). Subgroups of patients with unilateral olfactory identification deficits in schizophrenia: Different etiological profiles? Paper presented at the 6th International Congress on Schizophrenia Research, Colorado Springs, CO, USA.
- Good, K.P., Martzke, J.S., Kopala, L.C. and Honer, W. (1996). Lateralized olfactory and neuropsychological deficits in male patients with schizophrenia. Paper presented at the American Psychological Association annual meeting, Toronto, Canada.
- Harnadek, M.C.S., Martzke, J.S. and Grace, G.M. (1993). Serial neuropsychological evaluation of a patient following prolonged anoxia. Paper presented at the North American meeting of the International Neuropsychological Society, Galveston, TX.
- Honey, C.R., Carr, J.A.R., Sinden, M. & Martzke, J.S. (2001). Preoperative cognitive functioning is not predictive of changes in mood, cognitive, motor or quality of life functioning post-pallidotomy in patients with advanced Parkinson's disease. Presentation at the Canadian Neurological Association Meeting, Halifax, Nova Scotia.
- Honey, C.R., Sinden, M., Carr, J.A., & Marzke, J.S. (2002). Is dementia a contraindication for pallidotomy? Acta Neurochirurgica, suppl 1:1.9.
- Jedrzkiwicz, M., Martzke, J.S., Sinden, M., & Honey, C. (2007). Neurobehavioral Outcome Following Subthalamic Deep Brain Stimulation in Parkinson's Disease: A Waitlist Control Study. Paper presented at the 35<sup>th</sup> Annual Meeting of the International Neuropsychological Association, Portland, OR, USA.
- Jedrzkiwicz, M., Martzke, J.S., Sinden, M., & Honey, C. (2008). Bilateral Subthalamic Stimulation in Parkinson's Disease: The Relationship Between Pre-operative Cognitive Functioning and Post-operative Quality of Life and Mood. Paper presented at the 36<sup>th</sup> Annual Meeting of the International Neuropsychological Association, Waikola, Hawaii, USA.

## CURRICULUM VITAE

Page 12

Jeffrey S. Martzke

---

- Kerr, D., Sinden, M., Honey, C. & Martzke, J.S. (2004). Deep brain stimulation for chronic facial pain: Multifactorial assessment of three cases over one year. Paper presented at the 2<sup>nd</sup> Joint Scientific Meeting of the American Pain Society and the Canadian Pain Society, Vancouver, Canada.
- Martzke, J.S. (1984). Non-handicapped children's perceptions of an orthopedically handicapped peer: Developmental changes in perceived competence. Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.
- Martzke, J.S., Cooper, W.E. and Varney, N.R. (1988). Neuropsychological assessment of orbital frontal deficits: A report on recent attempts at test development and validation. Paper presented at the North American meeting of the International Neuropsychological Society, New Orleans, LA.
- Martzke, J.S., Good, K.P., Honer, W.G. & Kopala, L.C. (1999a). Sensitivity of unirhinal olfactory assessment exceeds that of birhinal olfactory assessment in predicting generalized cognitive impairment. Paper presented at the Mount Sinai Conference on Schizophrenia Research, Santa Fe, NM, USA.
- Martzke, J.S., Good, K.P., Honer, W.G. & Kopala, L.C. (1999b). Unirhinal olfactory identification deficits are associated with memory compromise in males with schizophrenia. Paper presented at the Mount Sinai Conference on Schizophrenia Research, Santa Fe, NM, USA.
- Martzke, J.S., Good, K., Kaegi, S., Weiss, C., and Kopala, L. (1998). Unirhinal norms for a measure of olfactory identification (the University of Pennsylvania Smell Identification Test or UPSIT). Paper presented at the North American meeting of the International Neuropsychological Society in Honolulu, HI.
- Martzke, J.S. and Kaegi, S. (1996). Assessment of non-language auditory comprehension: The Environmental Sounds Identification Test. Paper presented at the American Psychological Association annual meeting, Toronto, Canada.
- Martzke, J.S., Kaegi, S., Good, K.P. and Kopala, L.C. (1996). Normative data for the Vancouver Unimanual Tactile and Identification Test (VUTWIT). Paper presented at the Twenty-fourth North American meeting of the International Neuropsychological Society, Chicago, USA.
- Martzke, J.S., Murkin, J.M., Baird, D.L., Adams, S.J., Lok, P. (1996). Perioperative predictors of neuropsychological outcome 3 years after coronary bypass surgery. Paper presented at the annual meeting of the Society of Cardiovascular Anesthesiologists, Salt Lake City, Utah, USA.

## CURRICULUM VITAE

Page 13

Jeffrey S. Martzke

---

- Martzke, J.S., Murkin, J.M., Buchan, A.M., Sharma, D.S., Campbell, P.L. (1992). A prospective survey of cognitive functioning following coronary artery bypass (CAB). Paper presented at the North American meeting of the International Neuropsychological Society, San Diego, California.
- Martzke, J.S., Pierre-Louis, S.J.C. and Garron, D.C. (1990). Relationship between dichotic listening performance and site of complex partial seizure focus. Paper presented at the North American meeting of the International Neuropsychological Society, Orlando, Florida.
- Martzke, J.S., Putz, C.L. and Cacioppo, J.T. (1986). EMG activity over the corrugator supercillii region during a clinical interview: Form of EMG bursts and the nature of emotional thought. Paper presented at the meeting of the Society for Psychophysiological Research, Montreal, Canada.
- Martzke, J.S. and Steenhuis, R.E. (1993). Isolated memory disturbance in the absence of generalized dysfunction in patients with sleep apnea. Paper presented at the North American meeting of the International Neuropsychological Society, Galveston, TX.
- Murkin, J.M., Baird, D.L., Martzke, J.S., Adams, S.J. and Lok, P. (1996). Long-term neurological and neuropsychological outcome 3 years after coronary artery bypass surgery. Paper presented at the meeting of the International Anesthesia Research Society, Washington, DC, USA.
- Murkin, J.M., Buchan, A.M., Sim, D.A., Martzke, J.S. and Sharma, D.S. (1990). Post-operative neurological function in patients undergoing elective coronary artery surgery: A prospective study. Paper presented at the American Society of Anesthesiologists, Las Vegas, Nevada.
- Murkin, J.M., Martzke, J.S., Buchan, A.M. and Bentley, C. (1993). pH management during prolonged hypothermic cardiopulmonary bypass significantly influences the incidence of postoperative neuropsychological dysfunction. Paper presented at the meeting of the Canadian Anaesthesia Society, Halifax, Nova Scotia.
- Murkin, J.M., Martzke, J.S., Sim, D.A., Buchan, A.M. and Sharma, D.S. (1990). Decrements in cognitive function following coronary artery surgery: A prospective study. Paper presented at the meeting of the American Society of Anesthesiologists, Las Vegas, Nevada.
- Murkin, J.M., Martzke, J.S., Yee, R. and Giles, D. (1994). Cognitive dysfunction following induced ventricular fibrillation. Paper presented at the meeting of the International Anaesthesia Research Society, Orlando, Florida.

## CURRICULUM VITAE

Page 14

Jeffrey S. Martzke

---

Murkin, J.M., Martzke, J.S., Yee, R. & Giles, D. (1995). The incidence of cognitive dysfunction following induced ventricular fibrillation correlates with reperfusion interval. Paper presented at the International Anaesthesia Research Society, 69th Clinical and Scientific Congress, Honolulu, Hawaii, USA.

Pope, K., Harland, R., Spacey, S., Martzke, J. (2002). An acute amnesic syndrome in a patient with type 1 diabetes and suspected hypoglycemia. Paper presented at the 37<sup>th</sup> Meeting of the Canadian Congress of Neurological Sciences in Vancouver, BC, Canada.

Sinden, M., Carr, J.A.R., Honey, C.R., Berk, C. & Martzke, J. S. (2001). Multidimensional outcome following dominant thalamotomy in patients with Parkinson's disease and essential tremor. Presentation at the 1st Annual Mental and Behavioral Dysfunction in Movement Disorders Meeting, Montreal, Quebec, Canada.

Sinden, M., Carr, J., Honey, C., & Martzke, J. (2001). Relationship between preoperative dementia and outcome following pallidal surgery. Paper presented at the 29<sup>th</sup> Annual Meeting of the International Neuropsychological Society, Chicago, IL, USA

Sinden, Ms., Martzke, J.S., Carr, J.A.R. & Honey, C.R. (2003). Comparison of cognition and mood in patients with essential tremor and Parkinson's disease. Paper presented at the 31<sup>st</sup> Annual Meeting of the International Neuropsychological Society, Honolulu, HA, USA

### Invited Addresses

"Repression Revisited: The Deception of Self or the Deception of Others". (1989). Invited Colloquium, University of Wisconsin-Green Bay, Green Bay, Wisconsin, USA.

"Neurobehavioral Sequella of Traumatic Brain Injury". (1994). Invited address at a workshop examining diagnostic, treatment, and medico-legal aspects of traumatic brain injury, London, Ontario, Canada.

"Post-Surgical Impact on Mental Functioning". (1996). Invited address at annual symposium of the Acoustic Neuroma Association of Canada, in Vancouver, British Columbia.

"Memory and Memory Disorders from a Cognitive Neurosciences Perspective." (1998). Invited address at the annual Forefronts in Neurology meeting, Whistler, British Columbia.

## CURRICULUM VITAE

Page 15

Jeffrey S. Martzke

---

"Neurobehavioral Effects of Basal Ganglia Lesions." (1999). Invited address at Neuroscience Grand Rounds, University of British Columbia - Vancouver Hospital and Health Sciences Centre, Vancouver, British Columbia.

"Cognitive, Mood and Quality of Life Outcome Following Pallidotomy." (2001). Invited address at Neuroscience Grand Rounds, University of British Columbia - Vancouver Hospital and Health Sciences Centre, Vancouver, British Columbia.

"Mood, Memory and Mild Brain Dysfunction." (2003). Invited address at the annual Forefronts in Neurology meeting, Whistler, British Columbia.

"Neuropsychological Assessment of Mild Traumatic Brain Injury" (2004). Invited address at insurance industry seminar sponsored by Harper Grey Easton Law Firm in Vancouver, British Columbia.

"Executive Dysfunction and Memory" (2007). Invited plenary address at the Okanagan Conference on Brain Injury, Naramata, British Columbia.

**References available upon request.**