

## Allen E. Thornton, Ph.D.

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### AFFILIATIONS

2008 - **Associate Professor, Psychology, Simon Fraser University.**  
2008 - **Research Scientist, British Columbia Mental Health and Addiction Services Research Institute.**  
2001 - 2008 **Assistant Professor, Psychology, Simon Fraser University.**  
2003 - **Centre for Complex Disorders, Department of Psychiatry, University of British Columbia.**  
2001 -2012 **Consulting Psychologist, Riverview Hospital, Port Coquitlam, BC.**  
1997 - 2001 **Assistant Professor of Psychology SFU (LTA - non-tenure track; 30% of time)  
& Staff Neuropsychologist (70% of time), Riverview Hospital, Port Coquitlam, BC.**

### EDUCATION AND LICENSURE

1997 - **Registered Psychologist: British Columbia (#1307).**  
1995 - 1997 **Postdoctoral Neuropsychology Fellow:** Dept. of Psychiatry & Psychology, Section of Neuropsychology, The Cleveland Clinic Foundation, Cleveland, OH.  
1995 (Dec) **Ph.D. Degree Clinical Psychology - Neuropsychology Specialization,** Dept. of Psychology, The University of Memphis (formerly Memphis State University), Memphis, TN.  
1994 - 1995 **Clinical Psychology Internship: Neuropsychology Specialty,** University of Arizona Health Sciences Center, Tucson, AZ.  
1991 (Dec) **M.S. Degree, Psychology:** Dept. of Psychology, Memphis State University.  
1986 (Mar) **Bachelor of Arts, with distinction:** University of Minnesota, Morris, MN.

### RESEARCH FUNDING (LAST 5 YEARS)

2011 (Mar) **CIHR Operating Grant;** PI: D. Lang; Title: Brain health: Effects of exercise on hippocampal volume and memory deficits in schizophrenia and bipolar disorder; \$100,000; Role Co-I.  
2010 (Feb) **CIHR Catalyst Grant –Catalyst Grant: Infection and Immunity;** PI: N. Pick; Title: HIV-Related Cognitive Impairment in the HAART Era: A Pilot Project; \$84,368; Role Co-I.  
2010 (Jan) **CIHR Team Grant – Co-morbidity of Brain Disorders and Other Health Problems;** PI: W Honer; Title: Shared Mechanisms for Co-Morbid Disorders; \$1.5 million; Role Co-I.  
2009 (June) **Mind Foundation – British Columbia Schizophrenia Society;** PI: AE Thornton; Title: Everyday Cognition and "Real-World" Functioning in Persons with Schizophrenia; \$20,000.  
2008 (July) **William and Ada Isabelle Steel Fund;** PI: AE Thornton; Title: Chronic methamphetamine abuse: Investigating the Neurocognitive and Neurotoxic Effects; \$20,760.  
2008 (July) **CIHR Team Grant LOI - Substance Abuse Prevention and Treatment;** PI W Honer; Title: Co-occurring Polysubstance Abuse, Psychosis and Viral Infection; \$10,000; Role Co-I.  
2008 (Feb) **Social Sciences and Humanities Research Council Small Research Grant;** PI: AE Thornton; Title: Everyday Problem-solving in Major Mental Disorders; \$9,783.

## Publications

(Underlined authors indicate they are/were at a trainee status in the lab)

### In Press

#### Peer Reviewed

- 1) Honer, W.G., Barr, A.M., Sawada, K., **Thornton, A.E.**, Morris, M.C., Leurgans, S.E., Schneider, J.A., & Bennett, D.A. (in press). Cognitive reserve, presynaptic proteins and dementia in the elderly, *Translational Psychiatry*.

### 2012

#### Peer Reviewed

- 1) Baitz, H.A., **Thornton, A.E.**, Procyshyn, R.M., Smith, G.N., MacEwan, G.W., Kopala, L.C., Barr, A.M., Lang, D.L., & Honer, W.G. (epub). Antipsychotic medications: Linking receptor antagonism to neuropsychological functioning in first episode psychosis. *Journal of the International Neuropsychological Society*. doi:10.1017/S1355617712000343
- 2) Smith, G.N. **Thornton, A.E.**, Lang, D.J., MacEwan, G.W., Ehmann, T.S., Kopala, L.C., Tee, K., Shiau, G., Voineskos, A.N. Kennedy, J.L., & Honer, W.G. (2012). Hippocampal volume and the brain-derived neurotrophic factor Val66Met polymorphism in first episode psychosis. *Schizophrenia Research*, 134, 253-259.
- 3) Sherwood, M., **Thornton, A.E.**, & Honer, W.G. (2012). A quantitative review of the profile and time course of symptom change in schizophrenia treated with clozapine. *Journal of Psychopharmacology*. doi: 10.1177/0269881112440513.

### 2011

#### Peer Reviewed

- 1) Lecomte, T., Mueser, K.T., MacEwan, G.W., Laferrière-Simard, M., **Thornton, A.E.**, Buchanan, T., Goldner, E., Brink, J., Ehmann, T.S., Lang, D., Kang, S., Barr, A.M., & Honer, W.G. (2011). Profiles of individuals seeking psychiatric help for psychotic symptoms linked to methamphetamine abuse - Baseline results from the MAPS. *Mental Health and Substance Use: Dual Diagnosis*, 3:3, 168-181.
- 2) Smith, G.N., Ehmann, T.S., Flynn, S.W., MacEwan, G.W., Tee, K., Kopala, L.C., **Thornton, A.E.**, Schenk, C.H., & Honer, W.G. (2011). The Assessment of Symptom Severity and Functional Impairment with DSM-IV Axis V, *Psychiatric Services*, 62:4, 411-417.

### 2010

#### Peer Reviewed

- 1) **Thornton, A.E.**, Kristinsson, H., DeFreitas, V.G., & Thornton W.L. (2010). The ecological validity of everyday cognition in hospitalized patients with serious mental illness. *Journal of Clinical and Experimental Neuropsychology*, 32:3, 299-308.
- 2) Pajonk, F., Wobrock, T., Gruber, O., Scherk, H., Berner, D., Kaizl, I., Kierer, A., Müller, S., Oest, M., Meyer, T., Backens, M., Schneider-Axmann, T., **Thornton, A.E.**, Honer, W.G., & Falkai, P. (2010). Hippocampal plasticity in response to exercise in schizophrenia. *Archives of General Psychiatry*, 67:2, 133-143.
- 3) Barakauskas, V.E., Beasley, C.L., Barr, A.M., Ypsilanti, A.R., Li, H., **Thornton, A.E.**, Wong, H., Rosokilja, G., Mann, J.J., Mancevski, B., Jakovski, Z., Davceva, N., Ilievski, B., Dwork, A.J., Falkai, P., & Honer, W.G. (2010). A novel mechanism and treatment target for presynaptic abnormalities in specific striatal regions in schizophrenia. *Neuropsychopharmacology*, 35:5, 1226-1238.
- 4) Smith, G.N., MacEwan, G.W., Kopala, Lang, D.J., Barr, A.M., Honer, W.G., Ehmann, T.S., Good, K., **Thornton, A.E.**, & Neilson, H. (2010). Prenatal tobacco exposure in first-episode psychosis. *Schizophrenia Research*, 119, 271-272.

### 2009

#### Peer Reviewed

- 1) Smith, G.N., Wong, H., MacEwan, G.W., Kopala, L.C., Ehmann, T.S., **Thornton, A.E.**, Lang, D.J., Barr, A.M., Procyshyn, R., Austin, J.C., Flynn, S.W., & Honer, W.G. (2009). Predictors of starting to smoke cigarettes in patients with first episode psychosis. *Schizophrenia Research*, 108:1, 258-264.

Book Chapter

- 2) **Thornton, A.E.**, & **DeFreitas, V.G.** (2009). The neuropsychology of multiple sclerosis. In I. Grant and K.M. Adams (Eds.), *Neuropsychological Assessment of Neuropsychiatric and Neuromedical Disorders, 3<sup>rd</sup> Edition*. Oxford University Press.

**2008**Peer Reviewed

- 1) **Thornton, A.E.**, Cox D.N., **Whitfield, K.** & Fouladi R.T. (2008). Cumulative concussion exposure in rugby players: Neurocognitive and symptomatic outcomes. *Journal of Clinical and Experimental Neuropsychology*, 30:4, 398-409.
- 2) Voineskos, A.N., Lang, D.J., Zai, G., Bulgin, N., Shaikh, S., Su, W., Kopala, L.C., MacEwan, G.W., **Thornton, A.E.**, Smith, G.N., Austin, J.C., Honer, W.G. & Kennedy, J.L. (2008). MAG gene variation and cortical gray matter volume in first episode schizophrenia. *Brain Imaging and Behavior*, 2, 117-122.

**2007**Peer Reviewed

- 1) **Thornton, A.E.**, **Boudreau, V.G.**, **Griffiths, S.Y.**, Woodward, T.S., **Fawkes-Kirby, T.** & Honer, W.G. (2007). The impact of monetary reward on memory in schizophrenia spectrum disorder, *Neuropsychology*, 21:5 631-645.
- 2) Honer, W.G., **Thornton, A.E.**, Sherwood, M., MacEwan, G.W., Ehmann T.S., Williams, R., Kopala, L.C., Procyshyn R., & Barr A.M. (2007). Conceptual and methodological issues in the design of clinical trials of antipsychotics for the treatment of schizophrenia, *CNS Drugs*, 21:9, 699-714.
- 3) Procyshyn, R.M., Wasan, K.M., **Thornton, A.E.**, Barr, A.M., Chen, E.Y.H., Falkai, P., Pomarol-Clotet, E., Stip, E., Williams, R., MacEwan, G.W., Birmingham, C.L., Honer, W.G., et al., (2007). An increase in serum lipids and not weight improves the symptoms of schizophrenia in subjects treated with clozapine. *Journal of Psychiatry and Neuroscience*, 32:5, 331-338.

**2006**Peer Reviewed

- 1) **Thornton, A.E.**, **Van Snellenberg, J.X.**, **Sepehry, A.A.** & Honer, W.G. (2006). The impact of atypical antipsychotic medications on long-term memory dysfunction in schizophrenia spectrum disorder: A quantitative review. *Journal of Psychopharmacology*, 20:3, 335-346.
- 2) **Van Snellenberg, J.X.**, Torres, I.J. & **Thornton, A.E.** (2006). Functional neuroimaging of working memory in schizophrenia: Task performance as a moderating variable. *Neuropsychology*, 20:5, 497-510.
- 3) Honer, W.G., **Thornton, A.E.**, Chen, E.Y.H., Chan, R.C.K., Bergmann, A., Falkai, P., Pomarol-Clotet, E., McKenna, P.J., Stip, E., Williams, R., MacEwan, G.W., Wasan, K., Procyshyn, R., et al., (2006). Clozapine alone compared with combination clozapine and risperidone in patients with refractory schizophrenia. *New England Journal of Medicine*, 354:5, 472-482.
- 4) Honer, W.G., **Thornton, A.E.**, & MacEwan, G.W. (2006). Clozapine alone versus clozapine and risperidone for refractory schizophrenia - The authors reply. *The New England Journal of Medicine*, 354:1846-1848.
- 5) Sherwood, M., **Thornton, A.E.**, & Honer, W.G. (2006). A meta-analysis of profile and time course of symptom change in acute schizophrenia treated with atypical antipsychotics. *International J. of Neuropsychopharmacology*, 9, 357-366.
- 6) Barr, A.M., Panenka, W.J., MacEwan, G.W., **Thornton, A.E.**, Lang, D.J., Honer, W.G. & LeCompte, T (2006). The need for speed: An update on methamphetamine addiction. *Journal of Psychiatry and Neuroscience*, 31:5, 301-313.

**2000 to 2005**Peer Reviewed

- 1) **Griffiths, S.**, **Yamamoto, A.**, **Boudreau, V.**, Ross, L.K., Kozora, E., & **Thornton, A.E.** (2005). Memory interference in multiple sclerosis. *Journal of the International Neuropsychological Society*, 11, 737-746.
- 2) Woodward, T.S., **Thornton, A.E.**, Ruff, C.C., Moritz, S., & Liddle, P.F. (2004). Material-specific episodic memory associates of the psychomotor poverty syndrome in schizophrenia. *Cognitive Neuropsychiatry*, 9:4, 213-227.

- 3) Woodward, T. S., Ruff, C. C., **Thornton, A. E.**, Moritz, S. & Liddle, P.F. (2003). Methodological considerations regarding the association of Stroop and verbal fluency performance with the symptoms of schizophrenia. *Schizophrenia Research*, 61, 207-214.
- 4) **Thornton, A.E.**, Raz, N., & Tucker, K.A. (2002). Memory in multiple sclerosis: Contextual encoding deficits. *Journal of the International Neuropsychological Society*, 8, 395-409.
- 5) Howard, A.K., **Thornton, A.E.**, Altman, S., & Honer, W.G. (2002). Donepezil for memory dysfunction in schizophrenia: A case report. *Journal of Psychopharmacology*, 16, 267-270.

### 1990 to 1995

#### Peer Reviewed

- 1) Szabó, A., Wyllie, E., Stanford, L., Geckler, C., Kotagal, P., Comair, Y., & **Thornton, A.E.** (1998). Neuropsychological effect of temporal lobe resection in preadolescent children with epilepsy. *Epilepsia*, 39, 814-819.
- 2) **Thornton, A.E.**, & Raz, N. (1997). Memory impairment in multiple sclerosis: A quantitative review. *Neuropsychology*, 11, 357-366.
- 3) Raz, N., Gunning F.M., Head, D., Dupuis, J.H., McQuain, J., Briggs, S.D., Loken, W.J., **Thornton, A.E.**, & Acker, J.D. (1997). Selective aging of the human cerebral cortex observed *in vivo*: Differential vulnerability of the prefrontal gray matter. *Cerebral Cortex*, 7, 268-82.
- 4) Loken, W.J., **Thornton, A.E.**, Otto, R.L., & Long, C.J. (1995). Sustained attention following severe closed head injury. *Neuropsychology*, 9, 592-598.
- 5) Raz, N., Torres, I.J., Briggs, S.D., Spencer, W.D., **Thornton, A.E.**, Loken, W.J., Gunning, F.M., McQuain, J.D., Driesen, N.R., & Acker, J.D. (1995). Selective neuroanatomical abnormalities in Down syndrome and their cognitive correlates: Evidence from MRI morphometry. *Neurology*, 45, 356-366.

#### Book Chapter

- 6) **Thornton, A.E.**, & Naugle, R.I. (1999). The utility of neuropsychological evaluation in mesial temporal sclerosis: Differential memory performance based on seizure laterality. In P. Kotagal & H.O. Lüders (Eds.), *The Epilepsies: Etiology and Prevention*. San Diego: Academic Press.

### Prior to 1990

#### Peer Reviewed

- 1) Cox, W.M., & **Thornton A.E.** (1988). Research productivity of psychologists in VA medical centers based on APA journal publications. *Prof. Psychology: Research and Practice*, 19, 255-256.
- 2) Kemble, E.D., **Thornton, A.E.**, & Schultz, L.A. (1987). Some fear-potentiating effects of fluprazine hydrochloride in mice. *Aggressive Behavior*, 13, 269-280.
- 3) Cox, W.M., & **Thornton A.E.** (1987). Increases in alcohol and other drug articles during 15 Years. *Psychology of Addictive Behaviors*, 1, 132-133.
- 4) **Thornton, A. E.**, & Kemble, E. D. (1986). Effects of fluprazine hydrochloride on olfactory discrimination in rats. *Bulletin of the Psychonomic Society*, 24, 456-458.
- 5) Kemble, E. D., Schultz, L. A., & **Thornton, A. E.** (1986). Effects of fluprazine hydrochloride on conspecific odor preferences in rats. *Physiology and Behavior*, 37, 53-56.

### PAPER AND POSTER PRESENTATIONS (LAST 5 YEARS)

(Underlined authors indicate they are/were at a trainee status in the lab)

- 1) Pick, N., Geisbrecht, C., Hall-Patch, C., Maan, E., Cote, H., & **Thornton, A.** (2012). Neurocognitive impairment in HIV Positive Women. Presented at the 21<sup>st</sup> Annual Canadian Conference on HIV/AIDS Research. Montreal, QC.
- 2) Gicas, K., Baitz, H. A., Giesbrecht, C. J., Vila-Rodriguez, F., Panenka, W., MacEwan, G. W., Barr, A. M., Lang, D. J., **Thornton, A. E.**, Honer, W. G. (2012). Neurocognitive profiles of marginalized persons with comorbid psychosis and polysubstance abuse. *Schizophrenia Research*, 136, S146-S147 [Abs.].

- 3) Goghari, V.M., Smith, G.N., Honer, W.G., Kopala, L.C., **Thornton, A.E.**, MacEwan, G.W., Su, W., MacKay, A.L., Lang, D.J. (2012). Effects of eight weeks of atypical anti-psychotic medication treatment on middle frontal thickness in drug-naïve first episode psychosis patients. *Schizophrenia Research*, 136, S88 [Abs.].
- 4) Giesbrecht, C. J., Gicas, K., Baitz, H. A., Vila-Rodriguez, F., MacEwan, G. W., Barr, A. M., Lang, D. J., Honer, W. G., & **Thornton, A. E.** (2012). Memory recall processes of poly-substance users: Associations with viral exposure. Presented at the 40th Annual Meeting for the International Neuropsychological Society, February 2012, Montreal, QC.
- 5) Gicas, K., Smith, G., Baitz, H., Lang, D., MacEwan, W., Kopala, L., **Thornton, A. E.**, & Honer, W. (2012). Cognition as a predictor of long-term functional outcomes in first-episode psychosis: The moderating effects of substance use. Presented at the 40th Annual Meeting for the International Neuropsychological Society, February 2012, Montreal, QC.
- 6) Vila-Rodriguez, F., MacEwan, G.W., Barr, A., Procyshyn, R.M., Montaner, J., Lang, D., Vertinsky, A.T., Krajden, M., **Thornton, A.**, Smith, G., Krausz, M., & Honer, W. (2011). Co-occurring psychosis, substance related disorders, and viral infection in a socially disadvantaged population: preliminary results (2011). *International Clinical Psychopharmacology*, 26, e101.
- 7) Giesbrecht, C.J., Gicas, K., Lang, D.J., MacEwan, G.W., Honer, W.G., & **Thornton, A.E.** (2011). Performance on the HVL-R among polysubstance users: Influence of the alcohol semantic category. Poster presented at the 12th Annual NOWCAM meeting, Vancouver, BC.
- 8) Lang, D.J., Su, W., MacEwan, G. W., **Thornton, A. E.**, Smith, G, Kopala, L.C., Honer, W.G., Ehmann, T., & Lee, D. Y. (2011). A DTI investigation of white matter abnormalities in early psychosis patients. *Schizophrenia Bulletin* 37 (S1): 170 [Abs.].
- 9) Lecomte, T., Mueser, K. T., MacEwan, W., & **Thornton, A.E.**, Goldner, E., Buchanan, T., Kang, S., Barr, A.M., Brink, J., Lang, D., Honer, W.G. (2011). Treatment needs of individuals seeking psychiatric help for psychotic symptoms linked to methamphetamine abuse. *Schizophrenia Bulletin* 37 (S1): 5 [Abs.].
- 10) Neilson, H.A., **Thornton, A.E.**, Procyshyn, R., Smith, G.N., Lang, D.J., MacEwan, G.W., Kopala, L.C., Barr, A.M., & Honer, W.G. (2010). Antipsychotic medications: Linking receptor antagonist properties to neuropsychological functioning. Poster presented to the 7th Biennial Conference of the International Early Psychosis Association, Amsterdam, The Netherlands.
- 11) Giesbrecht, C., Neilson, H., Barone, C., **Thornton, A.**, Vila-Rodriguez, F., Paquet, K., Barr, A., Vertinsky, T., Lang, D., & Honer, W. (2010). Cognition in polysubstance users with hippocampal-associated anomalies: An urban case series. Poster presented at the 30th Annual National Academy of Neuropsychology Conference, Vancouver, BC.
- 12) Kreklewitz, K., Roesch, R., Viljoen, J. & **Thornton, A.** (2010). Cognitive and neuropsychological predictors of juvenile adjudicative competency: The role of executive functioning. Paper presented at the annual meeting of the American Psychology - Law Society, Westin Bayshore Hotel, Vancouver, BC, Canada.
- 13) Barone, C.C., Neilson, H.A., Giesbrecht, C.J., Davis, S.M., Vila-Rodriguez, F., MacEwan, G.W., Barr, A.M., Procyshyn, R.M., Lang, D.J., Honer, W.G., & **Thornton, A. E.** (2010). Memory recall processes vary with cocaine exposure in polysubstance users. *Clinical Neuropsychologist*, 24(5): 271-271 [Abs.].
- 14) Neilson, H.A., Barone, C. Vila-Rodriguez, F., MacEwan, G.W., Barr, A.M., Procyshyn, R.M., Lang, D.J., **Thornton, A.E.**, & Honer, W.G. (2010). Stimulant-specific effects on decision making in polysubstance users. Poster presented to the 38th Annual Meeting of the International Neuropsychological Society, Acapulco, Mexico.
- 15) Neilson, H.A., **Thornton, A.E.**, Smith, G.N., Lang, D.J., MacEwan, G.W., Kopala, L.C., Procyshyn, R., Barr, A.M., & Honer, W.G. (2009). Anticholinergic load and verbal memory in early psychosis. Poster presented to the 117th Annual APA Convention Toronto, Ontario, Canada.
- 16) Sherwood, M.E., **Thornton, A.E.**, & Honer, W.G. (2009). Clozapine's distinctiveness in the time course and profile of early symptom remission in schizophrenia: A quantitative review. *Schizophrenia Bulletin* 35 (S1): 348 [Abs.].
- 17) Smith, G., Good, K.P., MacEwan, G.W., Kopala, L.C., Ehmann, T.S., **Thornton, A.E.**, Barr, A.M., Lang, D.J., Flynn, S.W., & Honer, W.G. (2009). Prenatal exposure to tobacco in patients with first episode psychosis. *Schizophrenia Bulletin* 35 (S1): 67-68 [Abs.].
- 18) Whitfield, K., Cox, D.N., Bernstein, D.M., & **Thornton, A.E.** (2009). Self-reported concussion exposure predicts neurocognition in elite athletes. *J. of the International Neuropsychological Society*, 15 (S1): 77-78 [Abs.].
- 19) **Thornton, A.E.**, & Kristinsson, H., (2008). Predicting life skills functioning in patients with serious mental illness.

Paper presented during a symposium entitled "Predicting real-world functioning in at-risk populations: the roles of everyday problem solving and decision making competence". *J. of the International Neuropsychological Society*, 14 (S1): xvi.

- 20) Neilson, H. A., Thornton, A. E., Chen, E. H., Chan, R. K., Procyshyn, R., MacEwan, G. W., & Honer W. G. (2008). Cognitive effects of clozapine and risperidone in chronic schizophrenia spectrum disorder. *J. of the International Neuropsychological Society*, 14 (S1): 119 [Abs.].
- 21) Boudreau, V.G., Kristinsson, H., Molina, G., & Thornton, A.E. (2008). Language lateralization and the symptoms of schizophrenia. *J. of the International Neuropsychological Society*, 14 (S1): 115 [Abs.].
- 22) Smith, G.N., Wong H, MacEwan GW, Kopala, L.C., Ehmann, T.S., **Thornton, A. E.**, Barr, A. M., Flynn, S. W. & Honer, W. G. (2008). Cigarette smoking at the onset of psychosis: 1. predictors of starting to smoke. *Early Interventions in Psychiatry*, 2, A123-A123 [Abs.].
- 23) Smith, G.N., Ehmann, T.S., Wong H, MacEwan GW, Kopala, L.C., **Thornton, A. E.**, Barr, A. M., Flynn, S. W. & Honer, W. G. (2008). Cigarette smoking at the onset of psychosis: 2. illness-related correlates. *Early Interventions in Psychiatry*, 2, A123-A123 [Abs.].
- 24) Boudreau, V.G., Kristinsson, H., Molina, G., & Thornton, A.E. (2007). The effects of attention on language laterality in schizophrenia spectrum disorder. *J. of the International Neuropsychological Society*, 13 (S2): 28-29 [Abs.].
- 25) Smith, G. N., Lang, D. J., Kopala, L. C., MacEwan, G. W., Ehmann T. S., Tee, K., Thornton, A. E. & Honer W. G. (2007). A life-history study of first-episode psychosis. *Schizophrenia Bulletin* 33 (2): 246-247 [Abs.].
- 26) **Thornton, A.E.** Boudreau V. G. Griffiths, S.Y., Woodward, T.S., Kristinsson, H. & Honer, W.G. (2007). The impact of reward on memory in schizophrenia: A controlled comparison. *Schizophrenia Bulletin* 33 (2): 545 [Abs.].
- 27) Procyshyn, R.M., Wasan, K.M., **Thornton, A.E.**, Barr, A.M., Chen, E.Y.H., Falkai, P., Pomarol-Clotet, E., Stip, E., Williams, R., MacEwan, G.W., Birmingham, C.L., & Honer, W.G., (2007). An increase in serum lipids and not weight improves the symptoms of schizophrenia in subjects treated with clozapine. *Schizophrenia Bulletin* 33 (2): 454-455 [Abs.].
- 28) Boudreau V. G., Thornton, A.E. Honer, W.G. Procyshyn, R.M., Williams, R., MacEwan, G.W., Lang, D., Buchanan, T. & Lecomte, T. (2007). Consequences of cannabis use on executive functions in methamphetamine induced psychosis. *Schizophrenia Bulletin*, 33 (2): 554 [Abs.].
- 29) Whitfield, K.; Cox, D.N.; Tsai, J.; Fouladi, R.T.; & Thornton, A.E. (2007). Chronic post-concussion symptoms are differentially associated with concussion exposure in active versus retired athletes. *J. of the International Neuropsychological Society*, 13 (S1): 73-74 [Abs.].

#### INVITED ADDRESSES (LAST 5 YEARS)

- 1) Thornton, A.E. (2011, Feb). *Cognition and functioning of persons living in single room occupancy hotels in the Downtown Eastside*. Neuropsychology Rounds, Vancouver General Hospital, Vancouver, BC.
- 2) Thornton, A.E. (2010, Oct). *Psychological aspects of person living in single room occupancy hotels in the Downtown Eastside*. Kwantlen Polytechnic University, Surrey, BC.
- 3) Thornton, A.E. (2008, March). *Cambridge Neuropsychological Test Automated Battery (CANTAB) at Measurement Matters: A Day of Training in Clinical Research Measures*. Sponsor: BC Mental Health and Addictions Research Network. SFU Harbour Centre, Vancouver, BC.

#### FELLOWSHIPS AND HONORS

- |         |   |
|---------|---|
| 2004    | <b>Nominee for the Early Career Award in Clinical Neuropsychology:</b> APA Division 40.   |
| 2003    | <b>Qualified Health Researcher: Centre for Complex Disorders -</b> Grantsmanship award from the Michael Smith Foundation for Health Research. |
| 1993-95 | <b>Vidulich Research Fellowship Recipient:</b> Dept. of Psychology - University of Memphis, \$20,000 USD.                                     |
| 1986    | <b>Scholar of the College:</b> University of Minnesota undergraduate honor for valuable academic contributions.                               |
| 1986    | <b>UROP Grant Recipient:</b> University of Minnesota undergraduate research grant award.  |
| 1986    | <b>Graduate with Distinction:</b> University of Minnesota.  |

1986            **Psi Chi Honer Society:** President, University of Minnesota-Morris.

#### PROFESSIONAL ACTIVITIES & MEMBERSHIPS

2009-            **Clinical Science Area Coordinator** - SFU Psychology  
2009-            **Chair's Advisory Council** – SFU Psychology  
1999 -            **Clinical Program Committee** – SFU Psychology  
2001 -            **Founder & Coordinator of the Clinical Neuropsychology Specialty** – SFU Psychology  
2006 -2007      **Department Tenure and Promotion Committee** – SFU Psychology  
2004            **RFA Development Committee** - Canadian Institute of Health Research (CIHR)  
2003-2004      **Ethics Examination Committee** – SFU Psychology  
2002-2003      **Department Tenure Committee** – SFU Psychology  
2001-2003      **Cognitive and Biological Psychology Area Coordinator** - SFU Psychology  
2001-2003      **Member of the Department Senate** – SFU Psychology  
2001-2002      **Psy.D. Program Exploratory Committee** – SFU Psychology  
2000-2001      **Member Thesis Defense Committee** – SFU Psychology  
1999-2000      **Member Undergraduate Services Committee** – SFU Psychology  
1998-2001      **Member of the Academic Steering Committee** – Riverview Hospital  
2006 -            **Member of the International Neuropsychological Society**  
1997-            **Member of the Canadian Psychological Association**  
1997 -            **Member of the American Psychological Association**  
1991 - 2005      **Member of the National Academy of Neuropsychology**

#### REFeree WORK

2011            **Peer Review Panelist - Career Investigator Program** - Michael Smith Health Research Foundation  
2009 & 2010      **Program Committee** - 37<sup>th</sup> & 38<sup>th</sup> N. American Meetings of the International Neuropsychological Society  
2005 -2007      **Clinical Research Trainee Review Panelist** - Michael Smith Health Research Foundation  
1999 & 2000      **Research Review Panelist** – National Rick Hansen Neurotrauma Initiative  
1997-            **Ad Hoc Reviewer** –*Neuropsychology, J. of the International Neuropsychological Society, J. of Clinical & Experimental Neuropsychology, Neuropsychology Rehabilitation, J. of Psychopharmacology, J. of Neurological Sciences, Revista Brasileira de Psiquiatria, Research Quarterly for Exercise and Sport, Clinical Schizophrenia & Related Psychoses, Journal of Neurology, Neurosurgery & Psychiatry,*  
Canadian Institute of Health Research (CIHR), Social Sciences & Humanities Research Council of Canada (SSHRC), International Rugby Board, Riverview Hospital's Academic Steering Committee.

#### SUPERVISION AND TEACHING EXPERIENCE

##### Supervision

Graduate Clinical Training Supervisor, SFU (APA/CPA Accredited).  
CPA Accredited Pre-Doctoral Internship & Practicum Supervisor (1997- 2012), Riverview Hospital.

##### Graduate Courses:

Seminar in Individual Assessment, Department of Psychology, SFU.  
Neuropsychological Assessment, Department of Psychology, SFU.

**Neurocognitive Disorders**, Department of Psychology, SFU.

**Neuropsychological Recovery and Rehabilitation**, Department of Psychology, SFU.

**Undergraduate Courses:**

**Human Neuropsychology**, Department of Psychology, SFU.

**Cognitive Neuroscience**, Department of Psychology, SFU.

**Theories of Personality**, Department of Psychology, Memphis State University.