CONTACT INFORMATION:

University of Calgary - Cognitive Neuroscience of Schizophrenia (CNS) Laboratory Room A048, Administration Building 2500 University Drive NW, Calgary, Alberta, Canada T2N 1N4 Telephone: 403-220-4340 Cellular: 403-809-5468 Email: <u>savagel@ucalgary.ca</u> Research website: www.braintrainingstudy.ca

RESEARCH INTERESTS:

Clinical neuropsychology, cognitive enhancement, cognitive rehabilitation, intelligence, structural and functional neuroimaging, neuroplasticity, psycho-oncology.

EDUCATION:

In progress	 Ph.D. Clinical Psychology (anticipated completion, 2017) University of Calgary, Program in Clinical Psychology Thesis: Impact of working memory training on brain reserve: a neuroanatomical investigation Committee: Vina M. Goghari, Ph.D., R. Psych. (Clinical Psychology), Glen Bodner, Ph.D. (Cognitive Psychology), Catherine Lebel, Ph.D. (Radiology)
2013	M.Sc. Clinical Psychology University of Calgary, Program in Clinical Psychology Thesis: Near and far transfer of working memory training related gains in healthy adults Committee: Vina M. Goghari, Ph.D., R. Psych. (Supervisor), Andrea Protzner, Ph.D., Stewart Longman, Ph.D., R. Psych.
2009	 B.A. (First Class Honours) Psychology University of Calgary Thesis: Impact of mindfulness based stress reduction on posttraumatic growth, spirituality, and mindfulness in cancer patients: A waitlist-controlled study. Supervisors: Tavis Campbell, Ph.D., R. Psych. and Laura Labelle, M.Sc.

AWARDS AND DISTINCTIONS:

2015 Natural Sciences and Engineering Research Council (NSERC)	\$35,000.00/yr			
-2017 Alexander Graham Bell Canada Graduate Scholarship (Ranked 1 of 129)				
2014 CPA, Brain & Cognitive Sciences Student Research Award	\$ 250.00			
2013 CIHR Health Professional Student Research Award	\$ 4,250.00			
2013 Canadian Psychological Association Foundation Student Research Grant	\$ 1,000.00			
2012 Program in Clinical Psychology, Conference Funding	\$ 500.00			
12 CPA, Brain & Cognitive Sciences Student Research Award - honorable mention				
2012 Canadian Psychological Association Travel Grant	\$ 80.00			
2012 Department of Psychology Graduate Student Scholarship	\$ 3,000.00			
2012-2016 Alberta Innovates – Health Solutions Studentship (Ranked 2 of 59) \$30,000.00/yr				
2012 Dr. S.K. Littman Graduate Award	\$ 1,000.00			
2012 Persons Case Scholarship	\$ 1,000.00			

2011	CIHR Frederick Banting and Charles Best Graduate Scholarship, Masters	\$1	7,500.00
2011	Department of Psychology Graduate Student Scholarship	\$	9,000.00
2011	Queen Elizabeth II Graduate (Masters) Scholarship (declined)	\$	7,200.00
2010	SSHRC J.A. Bombardier Canada Graduate Scholarship, Masters (declined	l)\$1	17,500.00
2009	Canadian Psychological Association Certificate of Academic Excellence	n/a	a
2009	University of Calgary, Department of Psychology Research Award	n/a	a
2009	Canadian Psychological Association Travel Grant	\$	120.00
2009	University of Calgary Student's Union Travel Grant	\$	200.00
2009	SSHRC J.A. Bombardier Canada Graduate Scholarship, Masters (declined	l)\$1	17,500.00
2009	Psychosocial Oncology Research Training (PORT) Program (declined)	\$1	0,412.00
2009	Nova Scotia Health Research Foundation (NSHRF) Award (declined)	\$1	6,824.00
2009	Tom Baker Cancer Centre, Department of Psychosocial Resources,		
	Best Oral Presentation (3 rd place)	\$	25.00
2009	University of Calgary Student's Union Travel Grant	\$	250.00
2008	Alumni Award, Undergraduate Research Symposium Poster Presentation	\$	1,000.00
2008	Jason Lang Scholarship	\$	1,000.00
2008	Program for Undergraduate Research Experience (PURE) award	\$	6,000.00
2008	Academic Dean's List	n/a	a
2006	Owen Family Scholarship	\$	500.00

PUBLICATIONS:

Peer-reviewed journal articles:

- Tamagawa, R., Speca, M., Doll, R., Stephen, J., Pickering, B., Lawlor-Savage, L., & Carlson, L.E.(2015). Predictors and effects of class attendance and home practice of yoga and meditation among breast cancer survivors in a Mindfulness-Based Cancer Recovery (MBCR) program. Mindfulness, 10.1007/s12671-014-0381-4
- 2. Lawlor-Savage, L., Prentice, J. (2014). Digital cognitive behaviour therapy: ethical considerations. Canadian Psychology, 55 (4), 231-239.
- 3. Lawlor-Savage, L., & Goghari, V.M. (2014). Working memory training for schizophrenia and healthy populations. Behavioral Science, 4, 301-319. doi: 10.3390/bs4030301
- 4. Lawlor-Savage, L., Goghari, V., & Sponheim, S.R. (2014). Impaired recognition of happy facial expressions in bipolar disorder. Acta Neuropsychiatria, 26(4), 253-259. doi:10.1017/neu.2014.6
- Labelle, L., Lawlor-Savage, L., Campbell, T.S., Faris, P., Carlson, L.E. (2014). Does mindfulness mediate the effect of Mindfulness Based Stress Reduction (MBSR) on spirituality and posttraumatic growth in cancer patients? The Journal of Positive Psychology. doi: 10.1080/17439760.2014.927902
- Zernike, K., Lawlor-Savage, L., Lounsberry, J., Zhong, L., Blustein, P, Campbell, T., & Carlson, L.E. (2012). Mindfulness-based stress reduction (MBSR) improves distress in two different chronic illnesses. Journal of Behavioral Health, 1(3), 201-208. doi: 10.5455/jbh.20120628011441

Manuscripts submitted for peer review:

- 1. Lawlor-Savage, L., & Goghari, V.M. Dual n-back working memory training in healthy adults: a randomized comparison to processing speed training. Public Library of Science (PLOS one). Revision submitted July 06, 2015. Ms. No. PONE-D-15-05089R1
- 2. Clark, C.M., **Lawlor-Savage**, L., & Goghari, V.M. The Flynn Effect: A quantitative commentary on modernity and human intelligence. Journal of Theoretical and Philosophical Psychology, November 18, 2014. Ms. No. 2013-0398-R

Peer Reviewed Published Abstracts:

- Lawlor-Savage, L., Sponheim, S.R., & Goghari, V.M. (2012). Appraising faces: making age and emotion judgments in bipolar patients. *Canadian Psychology / Psychologie canadienne*, 53(2a), 88.
- Lawlor-Savage, L., Zernike, K., Lounsberry, J., Zhong, L., Blustein, P, Campbell, T., & Carlson, L.E. (June 2012). Does mindfulness-based stress reduction (MBSR) improve distress similarly in two different chronic illnesses: cancer and irritable bowel syndrome (IBS)? *Canadian Psychology / Psychologie canadienne*, 53(2a), 17.
- Lawlor-Savage, L., Green, C., Sephton, S., Nouriani, B., Neri, E., Kraemer, H.C., Spiegel, D. & Giese-Davis, J. (June 2012). Cortisol awakening response (CAR) and sleep parameters in women with metastatic breast cancer. *Canadian Psychology / Psychologie canadienne*, 53(2a), 17.
- 4. Lawlor-Savage, L., Labelle, L., Campbell T., & Carlson, L.E. (2010). Impact of a mindfulness-based stress reduction (MBSR) program on posttraumatic growth (PTG), spirituality, and mindfulness in cancer patients: A waitlist-controlled study. *Psycho-Oncology*, *19*(S2), 272-273.
- Labelle, L., Robinson, J., & Lawlor, L. (2010). Group interventions for children whose parents have cancer: Results of an environmental scan of Canadian cancer institutions. *Psycho-Oncology*, 19(S2), 243.
- 6. Lawlor-Savage, L., & Roughley R. (2009). HIV/AIDS envy? Prostate cancer and gay men. *Canadian Psychology / Psychologie canadienne*, *50*(2a), 11.
- 7. LeMay, J., & Lawlor-Savage, L. (2009). Research on the role of cannabis on mental health: the impact of social bias. *Canadian Psychology / Psychologie canadienne*, *50*(2a), 107.
- 8. Walker, L.M., Beck, A.M., & Lawlor-Savage, L. (2009). Increasing awareness of women with prostate cancer. *Canadian Psychology / Psychologie canadienne*, *50*(2a), 262.
- 9. Lawlor, L., & Roughley R. (2008). Psychosocial interventions for adult children of divorced parents. *Canadian Psychology / Psychologie canadienne, 49*(2a), 200.
- 10. Lawlor, L., & Roughley R. (2008). Can an annual check-up save a marriage? *Canadian Psychology / Psychologie canadienne, 49*(2a), 278.

Book Contributions:

1. Wassersug, R., Walker, L., Robinson, J., Currie, L.K., Kukula, K., **Lawlor-Savage, L**, Matthew, A., et al. (2014) Androgen deprivation therapy: An essential guide for prostate cancer patients and their loved ones. Springer Demos Health, New York.

CONFERENCE PRESENTATIONS:

- 1. Clark, C.M., Spilka, M., **Lawlor-Savage, L**., & Goghari, V. (November 2014). Neural correlates of working memory training: how does cognitive training change brain functioning? Commonwealth Science Conference. Bengaluru, India. [Poster Presentation].
- Lawlor-Savage, L. & Goghari, V. (June 2014). Near and far transfer of working memory training related gains in healthy adults. 75th Annual Canadian Psychological Association Conference. Vancouver, BC. [Poster Presentation].
- Lawlor-Savage, L., & Prentice, J. (June 2014). Digital cognitive behaviour therapy: ethical cautions and considerations. 75th Annual Canadian Psychological Association Conference. Vancouver, BC. [Conversation Session].
- Goupal, A., Lawlor-Savage, L., & Goghari, V. (June 2014). Does personality influence working memory training outcomes? 75th Annual Canadian Psychological Association Conference. Vancouver, BC. [Poster Presentation].
- Tamagawa, R., Speca, M., Doll, R., Stephen, J., Pickering, B., Lawlor-Savage, L., & Carlson, L.E. (October 2013). Predictors and effects of class attendance and home practice of yoga and meditation among breast cancer survivors in Mindfulness-Based Cancer Recovery (MBCR) programs. *Alberta Cancer Foundation Cancer Research Conference*, Banff, AB. [Poster Presentation].
- Lawlor-Savage,L., Goghari, V. (June 2013). Can a 15-minute online game replace a Wechsler test of intelligence? 23rd Annual Meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science. Calgary, AB. [Poster Presentation].
- Lawlor-Savage, L., Sponheim, S.R., & Goghari, V.M. (June 2012). Appraising faces: making age and emotion judgments in bipolar patients. 73rd Annual Canadian Psychological Association Conference. Halifax, NS. [Poster Presentation].
- Lawlor-Savage, L., Zernike, K., Lounsberry, J., Zhong, L., Blustein, P, Campbell, T., & Carlson, L.E. (June 2012). Does mindfulness-based stress reduction (MBSR) improve distress similarly in two different chronic illnesses: cancer and irritable bowel syndrome (IBS)? 73rd Annual Canadian Psychological Association Conference. Halifax, NS. [Poster Presentation].
- Lawlor-Savage, L., Green, C., Sephton, S., Nouriani, B., Neri, E., Kraemer, H.C., Spiegel, D. & Giese-Davis, J. (June 2012). Cortisol awakening response (CAR) and sleep parameters in women with metastatic breast cancer. 73rd Annual Canadian Psychological Association Conference. Halifax, NS. [Poster Presentation].

- Lawlor-Savage, L., Green, C., Sephton, S., Nouriani, B., Neri, E., Kraemer, H.C., Spiegel, D. & Giese-Davis, J. (November 2010). Cortisol awakening response (CAR) and sleep parameters in women with metastatic breast cancer. *Alberta Cancer Foundation Cancer Research Conference*, Banff, AB. [Poster Presentation].
- 11. Lawlor-Savage, L., Labelle, L., Campbell T., & Carlson, L.E. (May 2010). Impact of a Mindfulness-Based Stress Reduction (MBSR) Program on Posttraumatic Growth (PTG), Spirituality, and Mindfulness in Cancer Patients: A Waitlist-Controlled Study. *International Psycho-Oncology Society 12th World Congress*, Quebec City, QC. [Poster Presentation].
- Labelle, L., Robinson, J., & Lawlor, L. (2010). Group Interventions for Children Whose Parents Have Cancer: Results of an Environmental Scan of Canadian Cancer Institutions. *International Psycho-Oncology Society 12th World Congress*, Quebec City, QC. [Poster Presentation].
- 13. Zernicke, K., Lawlor-Savage, L., & Lounsberry, J. (March 2010). The differential impact of a Mindfulness-Based Stress Reduction (MBSR) program on symptoms of stress and mood in patients with irritable bowel syndrome and cancer. *American Psychosomatic Society 68th Annual Scientific Meeting*, Portland, OR. [Poster Presentation].
- 14. Labelle, L.E., Lawlor-Savage, L., Campbell, T.S., & Carlson, L.E. (June, 2009). The impact of a Mindfulness-Based Stress Reduction program on spirituality in cancer patients: Is mindfulness a mediator? 2009 Mind and Life Summer Research Institute, Garrison, NY. [Poster Presentation].
- Lawlor-Savage, L., & Roughley R. (June, 2009). HIV/AIDS envy? Prostate cancer and gay men. 70th Annual Canadian Psychological Association Conference. Montreal, QC. [Conversation Session]
- 16. LeMay, J., & Lawlor-Savage, L. (June, 2009). Research on the role of cannabis on mental health: the impact of social bias. 70th Annual Canadian Psychological Association Conference. Montreal, QC. [Conversation Session]
- Walker, L.M., Beck, A.M., & Lawlor-Savage, L. (June, 2009). Increasing awareness of women with prostate cancer. *70th Annual Canadian Psychological Association Conference*. Montreal, QC. [Oral Presentation]
- Lawlor-Savage, L., Walker, L., Robinson, J., & Beck, A. (April 2009). Focus group exploration of the experience of androgen deprivation therapy for prostate cancer. 2009 *Canadian Association of Psychosocial Oncology Conference*. Vancouver, BC. [Oral Presentation]
- Walker, L., Lawlor-Savage, L., Robinson, J., & Wassersug, R. (April 2009). Professional workshop on the effects of androgen deprivation therapy on prostate cancer patients and partners. 2009 Canadian Association of Psychosocial Oncology Conference. Vancouver, BC [Oral Presentation]

- 20. Lawlor, L., Walker, L, & Robinson, J. (November 2008). Female partners of prostate cancer patients treated with androgen deprivation: Psychosocial impact of his treatment on her. University of Calgary Undergraduate Research Symposium. Calgary, AB. [Poster Presentation]
- 21. Lawlor, L., Walker, L, & Robinson, J. (August 2008). Female partners of prostate cancer patients treated with androgen deprivation: Psychosocial impact of his treatment on her. Southern Alberta Cancer Research Institute Summer Student Research Conference. Calgary, AB. [Oral Presentation]
- Lawlor, L., & Roughley R. (June, 2008). Psychosocial interventions for adult children of divorced parents. 69th Annual Canadian Psychological Association Conference. Halifax, NS. [Conversation Session]
- 23. Lawlor, L., & Roughley R. (June, 2008). Can an annual check-up save a marriage? 69th *Annual Canadian Psychological Association Conference*. Halifax, NS. [Conversation Session]

MEDIA INTERVIEWS:

1. Savage,L. (February 20, 2013), Brain Training Study, *The Homestretch*, CBC Radio: http://www.cbc.ca/player/Radio/Local+Shows/Alberta/The+Homestretch/ID/2337144603/?s ort=MostRecent [Live interview].

TEACHING EXPERIENCE:

Teaching Assistant: Psychology 671: Psychological Assessment of Adults, University of Calgary, Calgary, AB. Instruction, supervision, and evaluation of graduate students' skills with interviewing, intellectual assessment, personality assessment, achievement testing, neuropsychological assessment, and integrative report-writing. September – December, 2014

Guest Lecture: Clinical Psychology (Psyc433). Introduction to Neuropsychology. June 23, 2015

SUPERVISION:

Undergraduate research students:

Aiko Dolatre – research course student (2014-2015) Olivia Matthews – honours thesis student (2013-2014) Erin Lowden – honours thesis student (2013-2014)

Research Assistants:

Naomi-Rose Dutta (2014 – present) Aiko Dolatre (2014-present) – concurrently a full-time Research Assistant in the CNS Lab Emma Harris (2014-present) Anna Kazmia (2014-present) – accepted to graduate studies at University of Calgary Rachel Mackay (2012-2014) Aaron Lucko (2012-2014) Amanda Fernandez (2012-2014) – proceeded to graduate studies at University of Calgary Anna Goupal (2012-2014) – proceeded to graduate studies at University of Calgary

Carina Chiu (2013-2014) – proceeded to law school at University of Alberta Emiko Muraki (2012-2013) – accepted position as Director with Calgary Arts Development Madyson Huck (2012-2013) Walaa Katoue (2012-2013)

PROFESSIONAL ACTIVITIES:

Ad hoc reviewer Public Library of Science (PLOS) One

COMMUNITY PRESENTATIONS:

- **Presenter:** 'Sleeping Well with Cancer . . . and Beyond' Meet the Experts Education Series, *Tom Baker Cancer Centre*, Calgary, AB., January 2011, June 2011, November 2011
- **Instructor:** Saying I Do Marriage Preparation Course, Sacred Heart Church, Calgary, AB., Taught course 19 times from May 2007 – April 2013.
- **Co-Facilitator:** Cognitive Behavioural Therapy Based Stress Management and Relaxation Training Seminar, *Department of Psychosocial Resources, Tom Baker Cancer Centre*, Calgary, AB., November 2009, March 2010, June 2010, November 2010
- **Co-Facilitator:** Androgen Deprivation Therapy (ADT) Patient Focus Group, *Canadian Prostate Cancer Network: National Support Group Conference*, Calgary, AB., August 2008

PAST RESEARCH POSITIONS:

Neuro-Cognitive Tester, Alberta Health Services (2010-2014)

Department of Clinical Research Trials (Radiation Therapy Oncology Group) Phase III Randomized Trial of the Role of Whole Brain Radiation Therapy in Addition to Radiosurgery in Patients with One to Three Cerebral Metastases

• Administering neuro-cognitive tests to patients whose cancer has metastasized to the brain.

Research Assistant, University of Calgary, Faculty of Medicine (June 2009 – August 2011) Department of Psychosocial Resources, Tom Baker Cancer Centre, Calgary, AB.

- **Coordinator of MINDSET**, a multi-site randomized controlled trial comparing Mindfulness-Based Stress Reduction (MBSR) to Supportive Expressive Group Therapy (SET) on biological and psychological variables in female survivors of breast cancer.
- **Coordinator of MINDMAP**, a randomized controlled feasibility study comparing Mindfulness-Based Stress Reduction (MBSR) to acupuncture on pain reduction in women with breast cancer
- **Coordinator** for a project examining telomere length, presence of telomerase, and multiple immune variables in female survivors of breast cancer.
- Assistant for I-Can-Sleep, a randomized controlled non-inferiority trial of Mindfulness-Based Stress Reduction (MBSR) compared to Cognitive Behavioural Therapy for Insomnia (CBT-I) for cancer survivors experiencing insomnia.
- Assistant for Mind in Motion, a randomized wait-list controlled study of psychological outcomes in cancer patients participating in a Mindfulness-Based Stress Reduction program.

Academic Writer, Psychosocial Oncology Team, Nova Scotia Cancer Centre, Halifax, NS (2009-2010, part time).

- Conducted literature searches
- Co-wrote sections of a prostate cancer learning resource manual

Research Assistant, Department of Psychosocial Resources, Tom Baker Cancer Centre, Calgary, AB. (2008).

- Conducted literature searches and reviews
- Transcribed and analyzed qualitative data used for multiple publications
- Presented data at local and national conferences
- Co-authored a comprehensive guide for prostate cancer patients and their partners

CLINICAL EXPERIENCE:

2014- 10-month practicum in Clinical Neuropsychology

- 2015 Setting: Allied Health Services, South Health Campus, Calgary, Alberta Supervisors: Dr. Kim Goddard, Ph.D., R. Psych., Dr. Nicole Haugrud, Ph.D., R. Psych. Dates: September 11, 2014 – June 26, 2015 Direct hours: 148.25 Supervision hours: 41.50 Support hours: 411.50 Number of clients seen: 20 individual clients (18 outpatient, 2 inpatient) Number of integrative reports written: 15
 - Conducting clinical interviews and administering neuropsychological measures
 - Interpreting data, formulating differential diagnoses, writing assessment reports, and providing feedback to clients, families, and health care providers.
- 2013- 10-month practicum in Clinical Psychology
- 2014 Setting: Geriatric Mental Health Services, SMC Health Centre, Calgary, Alberta Supervisor: Dr. Michele Fercho, Ph.D., R. Psych. Dates: September 11, 2013 June 26, 2014 Direct hours: 186.25 Supervision hours: 35 Support hours: 346.25 Number of clients seen: 11 individual clients; 4 groups (10-12 clients per group) Number of integrative reports written: 2
 - Providing treatment for a variety of psychosocial disorders (e.g., anxiety, depression, delusional disorder) utilizing cognitive-behaviour therapy, mindfulness and relaxation training, and interpersonal therapy in individual and group settings
 - Conducting neuropsychological assessments, formulating differential diagnoses, and providing reports and feedback to clients, families, and health care professionals

2013 Adult Treatment Practicum
Setting: University of Calgary Clinical Psychology Department Treatment Clinic
Supervisor: Dr. Tavis Campbell
Dates: February 14, 2013 – April 18, 2013
Direct hours: 11 Supervision hours: 4.0 Support hours: 10.0
Number of clients seen: 2

• Treatment for simple phobia (blood/needle, public speaking) via exposure and response prevention based on a cognitive-behaviour therapy model

2012 Child Treatment Practicum Setting: Child Development Centre, Calgary, Alberta Supervisor: Dr. Daniel Garfinkel Date: November 29, 2012 Indirect (observation behind glass) hours: 1.0 Support hours: 0.5 Number of clients seen: 1

- Observed child treatment session related to formation and re-formation of internal working models in a child with past experiences of physical abuse and neglect
- 2012 Summer Practicum in Clinical Psychology Setting: Nephrology and Urology Clinic, Alberta Children's Hospital, Calgary, Alberta Supervisor: Dr. Kendra Massie Dates: May 01, 2012 – September 15, 2012 Direct hours: 48.75 Supervision hours: 48.65 Support hours: 266.65 Number of clients seen: 15 Number of integrative reports written: 4
 - Administration, report-writing, and feedback for psychoeducational assessments in children and young adults with chronic medical conditions.

2011 Adult Assessment Practicum Setting: Rehabilitation Psychology, Foothills Hospital, Calgary, Alberta Supervisor: Dr. Stewart Longman, Ph.D., R. Psych. Dates: November 25, 2011 – December 13, 2011 Direct hours: 3.5 Supervision hours: 2 Support hours: 4.5 Number of clients seen for assessment: 1 Number of integrative reports written: 1

• Administration and reporting of psychoeducational assessment for adult with acquired brain injury. Observation of neuropsychological testing.

TRAINING & PROFESSIONAL DEVELOPMENT:

Alberta Imaging Symposium, Calgary, AB, May 2015
University of Calgary Three Minute Thesis (3MT) Competition, Calgary, AB, March 2015
Magnetic Resonance Imaging Level 1 Safety Training, Calgary, AB, September 2014
Cultural Competence in Indigenous Mental Health: Complications and Resolutions - Clinical Workshop and Colloquium, Calgary, AB, September 2014
Comprehensive Cognitive Behavior Therapy for Social Anxiety Disorder to Maximize Gains – Clinical Workshop and Colloquium, Calgary, AB, September 2013
National Academy of Neuropsychology, Continuing Education Credit – Clinical Neuroanatomy Course, September 3, 2012 – December 18, 2012
Cognitive Behaviour Social Skills Training (CBSST) Clinical Workshop & Colloquium, Calgary, AB, September 2011
Positive and Negative Syndrome Scale (PANSS) Training, Calgary, AB, August 2011
Cochrane Canada Live Webinar: Cochrane & Systematic Reviews, Calgary, AB, June 2011
Structured Clinical Interview for DSM-IV Axis I Disorders Training, Calgary, AB, April 2011
Specific Affect Coding System (SPAFF) Training, Calgary, AB, February 2010

ACADEMIC MEMBERSHIPS:

Clinical Neuroscience and Schizophrenia Laboratory, University of Calgary [Member] Hotchkiss Brain Institute [Student Member] National Academy of Neuropsychology [currently renewing student membership] Canadian Psychological Association [Student Affiliate] Canadian Society for Brain, Behaviour, and Cognitive Sciences [Student Member]

NON-ACADEMIC MEMBERSHIPS:

Toastmasters International Beta Sigma Phi International Sorority

ELECTED POSITIONS:

2014-2015 Student Representative - Canadian Psychological Association, Brain and Cognitive Sciences Section
2015-2016 Vice President - Beta Sigma Phi International Sorority, Calgary City Council
2015-2016 President, Xi Beta Chapter of Beta Sigma Phi
2013-2015 Recording Secretary - Beta Sigma Phi International Sorority, Calgary City Council

2013-2015 Recording Secretary - Beta Sigma Phi International Sorority, Calgary City Council 2013-2014 President, Xi Beta Chapter of Beta Sigma Phi