

CAMERON M. CLARK

CURRICULUM VITAE

CONTACT INFORMATION

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CURRENT POSITION

Postdoctoral Fellow in the Laboratory of Human Cerebrovascular Physiology, Hotchkiss Brain Institute, Cumming School of Medicine, University of Calgary, Calgary, Alberta
Supervisor: Dr. Marc J. Poulin 2017 - present

EDUCATION AND TRAINING

Ph.D. in Clinical Psychology 2017
University of Calgary, Calgary, Alberta
Supervisor: Dr. Vina M. Goghari

Pre-doctoral residency in clinical neuropsychology and cognitive health at Baycrest Health Sciences. Specializing in neuropsychological assessment, clinical rehabilitation, and memory intervention 2015 - 2016

M.Sc. in Clinical Psychology 2012
University of Calgary, Calgary, Alberta
Supervisor: Dr. Vina M. Goghari

B.A. (Hons.) (First Class Honours) in Psychology with a Minor in Philosophy 2008
Simon Fraser University, Burnaby, BC
Supervisor: Dr. Charles B. Crawford

ACADEMIC AWARDS, SCHOLARSHIPS, AND GRANTS

T. Chen Fong Postdoctoral Fellowship in Medical Imaging Science valued at \$60,000 for one year	2017
Donald Burns and Louise Berlin Postdoctoral Fellowship in Dementia Research valued at \$12,500 per year	2017
Cumming School of Medicine (University of Calgary) Postdoctoral Scholarship valued at \$12,500 per year	2017
T. Chen Fong Doctoral Research Excellence Scholarship In Medical Imaging Science valued at \$25,000	2013
Canadian Psychological Association Certificate of Academic Excellence in recognition of an outstanding M.Sc. thesis	2013
Vanier Canada Graduate Scholarship valued at \$50,000 per year, for three years	2012 - 2015
Alberta Gambling Research Institute (AGRI) Small Research Grant valued at \$10,000 (co-investigator)	2012
T. Chen Fong Doctoral Entrance Scholarship in Medical Imaging Science valued at \$25,000 in addition to a \$3,500 research stipend	2012
Alberta Innovates Health Solutions Studentship valued at \$30,000 per year in addition to a \$2,000 research stipend, renewable for up to five years	2010 - 2016
Dr. S.K. Littman Graduate Award – Calgary Chapter of the Schizophrenia Society of Alberta, valued at \$1,200	2011
Selected as Valedictorian for Simon Fraser University's 2008 Convocation ceremony	2008
Gordon M. Shrum National Entrance Scholarship from Simon Fraser University, valued at \$25,000	2003

Simmons Citizenship Award – from the Institute for the Humanities at Simon Fraser University, valued at \$1,000 2007

Open Scholarship – Simon Fraser University 2007 - 2008

PUBLICATIONS AND PRESENTATIONS

Articles published or accepted in refereed journals:

- Clark, C.M., Lawlor-Savage, S., & Goghari, V.M. (2017). Functional brain activation associated with working memory training and transfer. *Behavioural Brain Research*, 334, 34-49. doi: 10.1016/j.bbr.2017.07.030
- Clark, C.M., Lawlor-Savage, S., & Goghari, V.M. (2017). Comparing brain activations associated with working memory and fluid intelligence. *Intelligence*, 63, 66-77. doi: doi.org/10.1016/j.intell.2017.06.001
- Clark, C.M., Lawlor-Savage, S., & Goghari, V.M. (2017). Working memory training in healthy young adults: Support for the null from a randomized comparison to active and passive control groups. *PLOS ONE*. doi: 10.1371/journal.pone.0177707
- Clark, C.M., Lawlor-Savage, L., & Goghari, V.M. (2016). The Flynn Effect: A quantitative commentary on modernity and human intelligence. *Measurement: Interdisciplinary Research and Perspectives*. doi: 10.1080/15366367.2016.1156910
- Clark, C.M. (2016). Psychosocial treatments for schizophrenia: An evaluation of theoretically divergent treatment paradigms, and their efficacy. *Clinical Schizophrenia & Related Psychoses* 10(1), 41-50. doi: 10.3371/csrp.CL.061213
- Yakovenko, I., Clark, C.M., Hodgins, D., & Goghari, V.M. (2016). A qualitative analysis of the effects of a comorbid disordered gambling diagnosis with Schizophrenia. *Schizophrenia Research* 171(1-3), 50-55. doi: 10.1016/j.schres.2015.12.008.
- Clark, C.M., Chiu, C.G., Diaz, R.L., & Goghari, V.M. (2014). Intact anger recognition in depression despite aberrant visual facial information usage. *Journal of Affective Disorders*, 165, 196-202. doi: 10.1016/j.jad.2014.04.065

- Clark, C.M. (2013). Irreducibly human encounters: Therapeutic alliance and treatment outcome in child and adolescent psychotherapy. *Journal of Infant, Child, and Adolescent Psychotherapy*, 12(3), 228-243. doi: 10.1080/15289168.2013.822751
- Clark, C.M., Gosselin, F., & Goghari, V.M. (2013). Aberrant patterns of visual facial information usage in schizophrenia. *Journal of Abnormal Psychology*, 122(2), 513-519. doi: 10.1037/a0031944
- Beshai, S., Clark, C.M., & Dobson, K.S. (2013). Conceptual and pragmatic considerations in the use of cognitive behavioural therapy with Muslim clients. *Cognitive Therapy and Research*, 37(1), 197-206. doi: 10.1007/s10608-012-9450-y
- Clark, C.M. (2012). Individual moralities and institutional ethics: Implications for the Canadian Code of Ethics for Psychologists. *Psychotherapy and Politics International*, 10(3), 187-204. doi: 10.1002/ppi.1272.
- Clark, C.M. (2012). The nature of nurture: A reconciliation of intuition and empirical findings regarding the long term effects of parenting on child outcome. *Canadian Psychological Association, MindPad*.
- Clark, C.M. (2009). Beyond belief: The modern denial of irrational thought. *Journal of the Institute for Humanities*, 4, 133-146.

Chapters in edited books:

- Troyer, A.K., Vandermorris, S., Clark, C.M. (2017). Lifestyle and memory. In A.K. Troyer & S. Vandermorris (Eds.), *Clinical guide to the Memory and Aging Program*.

Other relevant published works:

- Clark, C.M. (2016). Innovations in cognitive health and aging. *Canadian Psychological Association Psychologists in Hospitals and Healthcare Centres Newsletter*, 3(3) Winter, 2016.

Articles in preparation:

Clark, C.M., Anderson, T.J., Eskes, G.A., Hill, M.D., Hogan, D.B., Longman, R.S., & Poulin, M.J. (in preparation). The Brain in Motion II study: a 6-month randomized controlled trial of aerobic exercise versus active control in older adults at increased risk of cognitive decline and dementia.

Clark, C.M., Lawlor-Savage, & Goghari, V.M. (in preparation). No effect of working memory training on white matter microstructure.

Lawlor-Savage, L., Clark, C.M., & Goghari, V.M. (in preparation). Impact of working memory training on grey matter volume in healthy adults.

Tyndall, A.V., Clark, C.M., Anderson, T.J., Eskes, G.A., Hill, M.D., Hogan, D.B., Longman, R.S., & Poulin, M.J. (in preparation). Protective effects of exercise on cognition and brain health in older adults.

Adetutu, O., Hall, S., Tyndall, A.V., Clark, C.M., & Poulin, M.J. (in preparation). Group based multi-trajectory analysis: an analytical approach to quantify and characterize heterogeneity in an exercise training dose.

Published and refereed conference abstracts:

Clark, C.M., Goghari, V.M., & Gosselin, F. (2013). Aberrant patterns of visual facial information usage in schizophrenia. *Schizophrenia Bulletin* 39(Suppl. 1), S258-259.

Goghari, V., Clark, C.M., Prentice, J., Liu, I., & Moir, A. (2013). Functional neuroimaging family study of emotion processing deficits in schizophrenia. *Schizophrenia Bulletin*, 39(Suppl 1), S156.

Clark, C.M., Goghari, V.M., & Gosselin, F. (2012). Emotion Recognition and Social Functioning Deficits in Schizophrenia. *Schizophrenia Research*, 136, S1, S176-177.

Clark, C.M., Goghari, V.M. (2011). *Analysis of face gaze in schizophrenia: Use of facial features and spatial frequencies*. Program No. 607.07. 2011 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2011. Online.

Conference posters and presentations:

- Guadagni, V., Clark, C.M., Tyndall, A.V., Raneri, J.K., Parboosingh, J.S., Hanly, P.J., Poulin, M.J. (October, 2017). Effects of six-month exercise intervention on sleep in healthy older adults from the Brain in Motion study. Presented at the Brenda Strafford Centre on Aging's 'Resilience in Aging: Exploring People, Places, and Policies' event, Calgary, Alberta.
- Clark, C.M., Guadagni, V., Mazerolle, E.L., Tyndall, A.V., Hill, M., Hogan, D.B., Pike, B., & Poulin, M.J. (October, 2017). Grey matter microstructure and aerobic exercise in the aging brain: How does exercise affect brain health? Presented at the Campus Alberta Neuroscience Symposium, Calgary, Alberta.
- Guadagni, V., Clark, C.M., Tyndall, A.V., Raneri, J.K., Parboosingh, J.S., Hanly, P.J., Poulin, M.J. (October, 2017). Effects of six-month exercise intervention on sleep in healthy older adults from the Brain in Motion study. Presented at the Campus Alberta Neuroscience Symposium, Calgary, Alberta.
- Clark, C.M., Mazerolle, E.L., Hill, M., Hogan, D.B., Pike, B., & Poulin, M.J. (September, 2017). Aerobic exercise and white matter integrity in the aging brain. Presented at the Canadian Stroke Congress, Calgary, Alberta.
- Lawlor-Savage, L., Clark, C.M., & Goghari, V.M. (March, 2016). Does brain training change the brain? A neuroanatomical investigation of working memory training in healthy adults. Presented at the McMaster University Department of Psychiatry and Behavioural Neurosciences Annual Research Day, Hamilton, Ontario.
- Clark, C.M., Lawlor-Savage, L., & Goghari, V.M. (March, 2016). Functional activation overlap of working memory and fluid intelligence. Presented at the Dalhousie Crossroads Health Conference, Halifax, Nova Scotia.
- Clark, C.M. (2015, May). Neural correlates of working-memory training. 'Rapid-fire' talk presented at the 2015 Alberta Imaging Symposium, Calgary, Alberta.
- Clark, C.M., Spilka, M.J., Lawlor-Savage, L., & Goghari V.M. (November, 2014). Neural mechanisms of working memory training and transfer: How does cognitive training change brain functioning. Poster session presented at the Royal Society's Commonwealth Science Conference, Bengaluru, India.

- Yakovenko, I., Clark, C.M., Hodgins, D., & Goghari, V.M. (September, 2014). Phenomenology of gambling addiction in individuals with schizophrenia. Poster session presented at the University of Calgary's Student-Run Clinic Addiction Symposium, Calgary, Alberta.
- Yakovenko, I., Clark, C.M., Hodgins, D., & Goghari, V.M. (April, 2014). Schizophrenia and disordered gambling: Qualitative features of dual diagnosis. Poster session presented at the 4th Biennial Meeting of the Schizophrenia International Research Society, Florence, Italy.
- Yakovenko, I., Clark, C.M., Hodgins, D., & Goghari, V.M. (April, 2014). Disordered gambling and schizophrenia: Qualitative features of dual diagnosis. Poster session presented at the Alberta Gambling Research Institute's 13th Annual Conference, Banff, Alberta.
- Yakovenko, I., Clark, C.M., Hodgins, D., & Goghari, V.M. (March, 2014). Disordered gambling and schizophrenia: Phenomenology and clinical implications. Presented at the Sebastian Littman Research Day, Calgary, Alberta.
- Chiu, C.G., Clark, C.M., Diaz, R.L. & Goghari, V.M. (2013, June). Recognition of anger facial expressions in depression. Poster session presented at the Canadian Society for Brain, Behaviour and Cognitive Science annual meeting, Calgary, Alberta.
- Chiu, C.G., Clark, C.M., Diaz, R.L. & Goghari, V.M. (2013, June). *Differentiating between angry and neutral faces in depression*. Poster session presented at the Canadian Psychological Association's 74th Annual Convention, Quebec City, Quebec.
- Clark, C.M., Goghari, V.M. & Gosselin, F. (2013, April). *Aberrant patterns of visual facial information usage in schizophrenia*. Poster session presented at the 14th International Congress on Schizophrenia Research, Orlando, Florida.
- Goghari, V., Clark, C.M., Prentice, J., Liu, I., & Moir, A. (2013, April). Functional neuroimaging family study of emotion processing deficits in schizophrenia. Poster session presented at the 14th International Congress on Schizophrenia Research, Orlando, Florida.
- Clark, C.M., Goghari, V.M., & Gosselin, F. (2012, April) Emotion recognition and social functioning deficits in schizophrenia. Poster session presented at the 3rd Biennial Meeting of the Schizophrenia International Research Society, Florence, Italy.

Clark, C.M., Chan, L.E., Sponheim, S.R., & Goghari, V.M. (2011, November). Appraising faces: Emotion and age judgments in schizophrenia and bipolar disorder. Poster session presented at Neuroscience 2011, Washington, DC.

Clark, C.M. (2008, April). It's time to detect cheater detection: Alternative evidence for a domain specific cheater detection module in humans. Poster session presented at the 10th Annual Psychology Undergraduate Conference, Vancouver BC.

Invited presentations:

Clark, C.M. (2017, November). Aerobic exercise for cognitive health and dementia prevention in aging: Current evidence and future directions. Lecture presented to a graduate clinical neuropsychology class, University of Calgary, Calgary, Alberta.

Clark, C.M. (2015, March). *Cognitive Behavioral Therapy: An introduction*. Lecture presented in an undergraduate clinical psychology class, Red Deer College, Red Deer, Alberta.

Clark, C.M. (2014, April). *Clinical Neuropsychology: An introduction*. Lecture presented in an undergraduate clinical psychology class, University of Calgary, Calgary, Alberta.

Clark, C.M. (2013, October). *Introduction to the Structured Clinical Interview for the DSM-IV*. Lecture presented to a graduate level psychological assessment class, University of Calgary, Calgary, Alberta.

Clark, C.M. (2013, February). *Emotion perception deficits in schizophrenia*. Lecture presented at Mind and Brain – Public Health Perspectives Workshop, Calgary, Alberta.

Clark, C.M. (2012, November). *Psychosocial treatments for schizophrenia*. Lecture presented in an undergraduate abnormal psychology class, University of Calgary, Calgary, Alberta.

Clark, C.M. (2012, November). *Introduction to the Structured Clinical Interview for the DSM-IV*. Lecture presented to a graduate level psychological assessment class, University of Calgary, Calgary, Alberta.

Clark, C.M. (2012, September). *Aberrant patterns of visual facial information usage in schizophrenia*. Presented at the 'Graduate Research Achievement Day', University of Calgary, Calgary, Alberta.

Clark, C.M. (2012, June). *Aberrant face gaze in schizophrenia*. Presented at the Alberta Innovates Health Solutions Making Connections Conference, Jasper, AB.

Clark, C.M. (2007, November). *Beyond belief: The modern denial of irrational thought*. Presented at the Simons Student Citizenship Program Presentation, Vancouver, British Columbia.

CLINICAL EXPERIENCE AND ACCREDITATIONS

Clinical neuropsychology specialty rotation at Baycrest Health Sciences, Toronto – supervised by Dr. Kathryn Stokes and Dr. Gillian Rowe	2016
Memory intervention specialty rotation at Baycrest Health Sciences, Toronto – supervised by Dr. Susan Vandermorris, and Dr. Eva Svoboda	2015 - 2016
Clinical rehabilitation specialty rotation at Baycrest Health Sciences, Toronto – supervised by Dr. Dmytro Rewilak, Dr. Sabrina Lombardi, and Dr. Sharon Jankey	2015 - 2016
PhD III clinical practicum in Neurorehabilitation at Foothills Medical Centre, Calgary – supervised by Dr. Odette Pettem and Dr. Risha Joffe	2014 - 2015
PhD II clinical practicum at the Neuropsychology Clinic within Psychological Services (Allied Health) at South Health Campus, Calgary – supervised by Dr. Kim Goddard	2013 - 2014
PhD I clinical practicum at the Neuropsychology Clinic within the Senior's Health Clinic at Rockyview General Hospital, Calgary – supervised by Dr. Ashli Watt	2012 - 2013
Psychodiagnostic interviewing for a research project with the Structured Clinical Interview for the DSM-IV (SCID), Positive and Negative Syndrome Scale (PANSS), Structured Interview for Schizotypy (SIS), Wechsler Abbreviated Scale of Intelligence (WASI), and the Social Functioning Scale (SFS)	2011 - 2013

Certified to use the Positive and Negative Syndrome Scale (PANSS) by the PANSS Institute	2011
Summer practicum placement at the Alberta Children's Hospital in both the Pediatric Oncology Unit, and the Pediatric Neurosciences Unit supervised by Dr. Fiona Schulte, and Dr. Jennifer Crawford	2011
Single-day practicum at the Forensic Adolescent Program under the supervision of Dr. Ryan Day	2010

PROFESSIONAL COLLOQUIA AND WORKSHOPS ATTENDED

Cultural Competence in Indigenous Mental Health: Complications & Resolutions facilitated by Dr. Joseph Gone	2014
Culture as Treatment for Substance Use Disorders in American Indian Communities: Pursuing Alternative Interventions presented by Dr. Joseph Gone	2014
Comprehensive Cognitive Behavior Therapy for Social Anxiety Disorder to Maximize Gains facilitated by Dr. Lata K. McGinn	2013
Status Update on Social Anxiety Disorder: New Developments in Phenomenology, Etiology and Treatment presented by Dr. Lata K. McGinn	2013
Assessment of Eating and Weight Disorders: The Use of Interview and Questionnaire Methods to Measure Symptoms and associated Psychopathology facilitated by Dr. Carol Peterson	2012
Evidence-based Psychotherapy Treatments for Eating Disorders presented by Dr. Carol Peterson	2012
Cognitive Behavioral Skills Training (CBSST) for Schizophrenia: A Practical Workshop facilitated by Dr. Eric Granholm	2011
Cognitive Behavioral Skills Training (CBSST) for Functional Disability in Schizophrenia presented by Dr. Eric Granholm	2011
Assessment and Treatment of Phobic and Anxiety Disorders in Youth, facilitated by Dr. Thomas Ollendick	2010

Mediators and Moderators of Treatment Outcomes in Youth with Specific Phobias: A Randomized Control Trial presented by Dr. Thomas Ollendick 2010

PROFESSIONAL EXPERIENCE

***Ad hoc* reviewer for the following journals:**

Ata Journal of Psychotherapy
Clinical Schizophrenia and Related Psychoses
Journal of Abnormal Psychology
Psychological Reports
Psychopathology
Schizophrenia Research
Journal of Gerontology: Psychological Sciences

ADDITIONAL EDUCATION AND COURSWORK

Campus Alberta Neuroscience Workshop on Neuroimaging Techniques for the Study of Brain Activation and Brain Networks 2015

Graduate course in Neurobiology of Mental Illness, offered via the Medical Sciences program at the University of Calgary 2014

Neurometrika course in fMRI data analysis (SPM8) 2012

National Academy of Neuropsychology course in Clinical Neuroanatomy 2012

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Member: College of Alberta Psychologists (Registered Provisional Psychologist) 2017 - present

Member: Canadian Psychological Association 2011 - 2017

Member: National Academy of Neuropsychology 2012 - 2014

Member: Society for Neuroscience

2011

COMMUNITY & CULTURAL ENGAGEMENT

Board Member for Foundation 33 – a non-profit charity
benefiting children and families affected by cancer
foundation33.ca

2015 - present

Public Fellow for Calgary's inaugural Spur Festival
"Canada's national festival of politics, art, and ideas"
spurfestival.ca/calgary

2014

Four-Time rider in the Ride to Conquer Cancer –
personally raising over \$10,000 for cancer research
since 2009

2009 - present