Katherine M. Krpan

Curriculum Vitae

PERSONAL INFORMATION

Date of Birth: January 19th, 1978

Citizenship: Canadian

CONTACT INFORMATION

Work Address: Department of Psychology
1012 East Hall
530 Church Street
Ann Arbor, MI, USA, 48109-1043

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Phone: Lab: 734 647 6249; Mobile: 734 478 4029; 647 787 6016

EDUCATION

2009 – present **Postdoctoral Fellow**
Psychology and Physical Medicine & Rehabilitation
University of Michigan
Supervisor – Dr. John Jonides

2009 **Ph.D.**
Experimental Psychology & Neuroscience
University of Toronto
Supervisors – Dr. Donald T. Stuss & Dr. Nicole D. Anderson
Thesis Title*: The Neuropsychological Mechanisms of Avoidant Coping Following Traumatic Brain Injury*

2004 **M.A.**
Experimental Psychology & Neuroscience
University of Toronto
Supervisor – Dr. Donald T. Stuss
Thesis: *Executive Function and Coping at 1-Year Post Traumatic Brain Injury*

2001 **Honours B.Sc.** (with Distinction)
Psychology & Philosophy
University of Toronto
Supervisor – Dr. Alison S. Fleming
Thesis Title: *Experiential and Hormonal Correlates of Maternal Behaviour in Primiparous Teen and Adult Mothers*

REFEREED JOURNAL PUBLICATIONS

Krpan, K.M., Stuss, D.T., & Anderson, N.D. (2011). Coping behaviour following traumatic brain injury: What makes a planner plan and an avoider avoid? *Brain Injury 25*(10):989-996.

Krpan, K.M., Stuss, D.T., & Anderson, N.D. (2011). Planful versus avoidant coping: Behavior of individuals with moderate-to-severe traumatic brain injury during a psychosocial stress test. *Journal of the International Neuropsychological Society, 17*(2): 248-255.

Dawson, D.R., Anderson, N.D., Burgess, P.W., Levine, B., Rewilak, D., Cooper, E., Farrow, S., **Krpan, K.M**., Lo, A., & Stuss, D.T. (2009). Further development of The Multiple Errands Test: Standardized scoring, reliability and ecological validity for the Baycrest Versions. *Archives of Physical Medicine & Rehabilitation, 90* (11 Suppl):S41-51.

Krpan, K.M., Levine, B., Stuss, D.T., & Dawson, D.R. (2007). Executive function and coping at one-year post traumatic brain injury. *Journal of Clinical and Experimental Psychology, 29(1):* 36-46.

Krpan, K.M., Coombs, R., Zinga, D., Steiner, M., & Fleming, A.S. (2005). Experiential and hormonal correlates of maternal behaviour in teen and adult mothers. *Hormones and Behavior, 41*(1): 112-122.

MANUSCRIPTS SUBBMITTED

Berman, M.G., Kross, E., **Krpan, K.M.,** Askren, M.K., Burson, A., Deldin, P.J., Kaplan, S., Sherdell, L., Gotlib, G.H., & Jonides, J. (under review). A Nature-Based Intervention for Depression. *Psychological Science.*

STUDIES IN PROGRESS

To plan, or Not to Plan? A Review of Coping Post Traumatic Brain Injury and Implications for Targeted Rehabilitative Intervention.

Interfering with interference: How load increases susceptibility to past memory.

Everyday Activities as Novel Interventions targeting the Cognitive Mechanisms of Depression Post Traumatic Brain Injury.

Expressive Writing Dramatically Reduces Depression and Increases Working Memory Capacity in People Diagnosed with Major Depressive Disorder.

Body Mass Index and Interference Resolution: How Cognitive Control Impacts Weight Management.

Stereotype Threat in Major Depressive Disorder: Implications for Participant Recruitment and Data Interpretation

INVITED TALKS

2011 Ann Arbor Centre for Independent Living, Ann Arbor, MI, USA

2011 Department of Physical Medicine & Rehabilitation, University of Michigan Neuropsychology Rounds, Ann Arbor, MI, USA.

2010 Ann Arbor Centre for Independent Living, Ann Arbor, MI, USA

2010 Department of Physical Medicine & Rehabilitation, University of Michigan Neuropsychology Rounds, Ann Arbor, MI, USA.

2008 Toronto Rehabilitation Institute, Toronto, ON, Can.

2006 Kunin-Lunenfeld Applied Research Unit Rounds, Baycrest. Toronto, ON, Can.

2004 Kunin-Lunenfeld Applied Research Unit Rounds, Baycrest. Toronto, ON, Can.

2003 Kunin-Lunenfeld Applied Research Unit Rounds, Baycrest. Toronto, ON, Can.

2003 31st Annual Meeting of the North American Society for Psychosocial Obstetrics & Gynaecology: Kauai, Hawaii, USA.

CONFERENCE PRESENTATIONS

Demiralp, E., Kim, H.S., Adams, K, Jaeggi, S.M., Buschkuehl, M., Berman, M., **Krpan**, **K.,** Gonzalez, R., Kross, E., Deldin, P., & Jonides, J. (2011). Differences in the organization of free recall of self-related information in people with depression. 51st Annual Meeting of the *Psychonomic Society,* St. Louis, Missouri, USA.

Krpan, K.M., Stuss, D.T., & Anderson, N.D. (2010). The Baycrest Psychosocial Stress Test (BPST): A new paradigm allowing for the observation of coping behaviour following traumatic brain injury. *17th Annual Cognitive Neuroscience Society Meeting,* Montreal, Quebec, Canada.

Krpan, K.M., Stuss, D.T., & Anderson, N.D. (2008). The effects of psychosocial stress on heart rate following traumatic brain injury. *Stress Coping and Disease: A Brain Research Meeting*. Arlington, Virginia, U.S.A.

Krpan, K.M., Stuss, D.T., & Zelazo, P.D. (2006). Dissociation of attentional processes in 3-to-5-year-old children. 13th Annual *Cognitive Neuroscience Society Meeting,* San Francisco, California, U.S.A.

Dawson, D. R., Anderson, N., Burgess, P., Levine, B., Rewilak, D., Cooper, E., Farrow, S., **Krpan, K.M**., Peer, M., & Stuss, D.T. (2005). Naturalistic assessment of executive function: The Multiple Errands Test. *Archives of Physical Medicine & Rehabilitation*, 86 (10): E17.

Dawson, D. R., Anderson, N., Burgess, P., Levine, B., Rewilak, D., Cooper, E., Farrow, S., **Krpan, K.M**., Peer, M., & Stuss, D.T. (2005). Naturalistic assessment of executive function: The Multiple Errands Test, *Neurorehabilitation and Neural Repair*, 19 (4): 379.

Krpan, K.M., Levine, B., Stuss, D.T., & Dawson, D.R. (2005). Executive function and coping at one-year post traumatic brain injury, *33rd Annual International Neuropsychological Society Meeting,* Saint Louis, Missouri, U.S.A.

Dawson, D.R., Anderson, N.D., Burgess, P.W., Levine, B., Rewilak, D., Cooper, E.K., Farrow, S., Koscik, T., **Krpan, K.M**., Lo, A., Peer, M., & Stuss, D.T. (2005). The ecological validity of the multiple errands test – hospital version: Preliminary findings, *33rd Annual International Neuropsychological Society Meeting,* Saint Louis, Missouri, U.S.A.

Dawson, D., Catanzaro, A.M.., **Krpan, K.M**., & Dergal, J. (2003). Building bridges: Involving survivors of TBI in the research process, *3rd Annual KLARU Conference,* Toronto, Ontario, Canada.

Dawson, D., Catanzaro, A.M.., **Krpan, K.M**., & Dergal, J. (2003). Building bridges: Involving survivors of TBI in the research process, *Ontario Neurotrauma Foundation Inaugural Conference,* Toronto, Ontario, Canada.

Krpan, K.M., Coombs, R., Zinga, D., Coote, M., Fleming, A.S., & Steiner, M. (2003). Experiential and hormonal correlates of teen maternal behaviour, *Archives of Women's Mental Health, 6* (1): 21. *Annual Meeting of the North American Society for Psychosocial Obstetrics & Gynaecology:* Kauai, Hawaii, USA.

Dawson, D., Catanzaro, A.M.., **Krpan, K.M**., & Dergal, J. (2002). Traveling together: One experience of involving survivors of TBI in the research process, *Toronto ABI Network Conference 2002,* Toronto, Ontario, Canada.

Krpan, K.M., Coombs, R., Zinga, D., Coote, M., Steiner, M., & Fleming, A.S. (2002). Experiential and hormonal correlates of teen maternal behaviour, *Developmental Psychobiology,* 41 (3): 311. *35th Annual Meeting of the International Society of Developmental Psychobiology*, Orlando, Florida, USA.

GRANTS HELD

Year	Source	Amount
2010 – 2011	Michigan Institute for Clinical and Health Research: Clinical and Translational Science Award Role: Principal Investigator Title: The efficacy and mechanisms of expressive writing for the treatment of depression following traumatic brain injury	$50,000

GRANTS UNDER REVIEW/ IN PREPARATION

Year	Source	Amount
2011	National Institute of Health, R03 Role: Principal Investigator Title: Expressive writing as a treatment for depression after traumatic brain injury ***Resubmission in Preparation***	$100,000

SCHOLARSHIPS AND AWARDS

Year	Source	Amount
2008-2009	Young Investigator Award Ontario Research Coalition	$5,000
2008-2009	Mary Gertrude l'Anson Scholarship	$10,000
2008-2009	Toronto Rehabilitation Institute Scholarship	$10,000
2007-2008	Toronto Rehabilitation Institute Scholarship	$10,000
2004-2007	Canadian Institute of Health Research Doctoral Research Award	$66,000
2005-2006	Max & Ruth Wiseman Graduate Student Fellowship: KLARU, Baycrest	$7,478
2004-2005	Ontario Graduate Student Scholarship *(Declined in favour of CIHR)*	$15,000
2004	Vivian Smith Advanced Studies Institute of the International Neuropsychological Society: Summer Institute, 2004: Fellowship	$2,000

	to study The Frontal Lobes, Xylocastro, Greece *(Declined due to family illness)*	
2003-2004	Ontario Graduate Student Scholarship	$15,000
2003-2004	Toronto Rehabilitation Institute Scholarship	$5,000
2003	National Institute of Mental Health (USA) Junior Investigator Award	$2,400
2002-2003	Toronto Rehabilitation Institute Scholarship	$25,000

AD HOC JOURNAL REVIEWS

2010 –	Journal of Head Trauma Rehabilitation
2005	Journal of the International Neuropsychological Society

MEMBERSHIPS

Period	**Organization**	**Affiliation**
2005-present	Cognitive Neuroscience Society	Post-Doc Member
2007-2008	New York Academy of Science	Student Member
2004-2005	International Neuropsychological Society	Student Member
2002-2003	International Society for Developmental Psychobiology	Student Member

MEDIA ATTENTION (selection)

Spring 2005	***University of Toronto News*** *Leading Edge* Section Bringing Up Baby
Jan. 21, 2005	***Web MD*** Teen Mothers Behave Appropriately, but May Be Less Affectionate Than Mature Moms
Jan. 19, 2005	***Science News*** *Daily Medicine, Research, and Discovery* Adult Moms More Affectionate with their Infants

TEACHING EXPERIENCE

Department of Psychology, University of Toronto

Date	Position	Course
2009	Course Instructor	PSY 393 – Cognitive Neuroscience (two semesters)
	Course Instructor	PSY 393 – Human Neuropsychology (two semesters)
2008	Course Instructor	PSY 393 – Cognitive Neuroscience
	Course Instructor	PSY 393 – Human Neuropsychology
2007	Guest Lecturer	PSY 393 – Cognitive Neuroscience
2006	Course Instructor	PSY 393 – Cognitive Neuroscience
	Guest Lecturer	PSY 290 – Introduction to Physiological Psychology
2005	Guest Lecturer	PSY 290 – Introduction to Physiological Psychology
	Guest Lecturer	PSY 398 – Motivational Systems
	Guest Lecturer	PSY 343 – Theories in Psychotherapy
2004	Guest Lecturer	PSY 342 – Cognition & Psychopathology
	Guest Lecturer	PSY 393 – Cognitive Neuroscience

TEACHING ASSISTANT EXPERIENCE

Department of Psychology, University of Toronto

Date	Course	Instructor
2009	PSY 296 – Introduction to Neuropsychology	A. Kahn
	PSY 100 – Introduction to Psychology	D. Dolderman
2008	PSY 100 – Introduction to Psychology	D. Dolderman
	PSY 210 – Introduction to Development	A. Almas
2007	PSY 100 – Introduction to Psychology	D. Urbszat
	PSY 240 – Introduction to Abnormal Psychology	A. Nagy
	PSY 343 – Theories in Psychotherapy	J. Polivy
	PSY 100 – Introduction to Psychology	D. Dolderman
2006	PSY 370 – Thinking & Reasoning	J. Vervaeke
	PSY 100 – Introduction to Psychology	D. Urbszat
	PSY 354 – Biopsychology of Sex	A. Monks
	PSY 290 – Introduction to Physiological Psychology	F. Taverna

2005	PSY 290 – Introduction to Physiological Psychology	F. Taverna
	PSY 343 – Theories in Psychotherapy	K. Trottier & J. Coehlo
	PSY 398 – Motivational Systems	M. Li
2004	PSY 342 – Cognition & Psychopathology	M. Gemar
	PSY 260 – Learning	
	PSY 393 – Cognitive Neuroscience	V. Lovic
	PSY 100 – Introduction to Psychology	D. Urbszat
	PSY 353 – Neurobiology of Memory	B. Murray
2003	PSY 290 – Introduction to Physiological Psychology	R. McDonald

Department of Occupational Therapy
University of Toronto

Date	**Course**	**Instructor**
2003	OCT 1122 – Methods in Research Based Practise	S. Friefeld
	OCT 1220 – Research Experience Course	J. Friedland
2002	OCT 1220 – Research Experience Course	J. Friedland