

Diana Jovanovski, Ph.D., C. Psych.
Practice in Clinical Neuropsychology (Adults, Seniors)

Diana Jovanovski Psychology Professional Corporation

Employment History

2012 -	Clinical Neuropsychologist, Private Practice
2012-2016	Clinical Neuropsychologist, Baycrest Hospital
2012-2016	Clinical Neuropsychologist (Consultant), West Park Healthcare Centre
2012-2013	Clinical Neuropsychologist (Consultant), Centre for Addiction and Mental Health - Schizophrenia Program Assessment Service
2010-2012	Psychometrist/Psychologist in Supervised Practice, Toronto Rehabilitation Institute - Acquired Brain Injury Program and Spinal Cord Rehabilitation Program
2006-2009	Laboratory Instructor: Clinical Neuropsychology course, University of Toronto
2003-2012	Teaching Assistant (Abnormal Psychology, Psychotherapy, Clinical Neuropsychology, Psychology of Emotion, and Cross Cultural Social Psychology), University of Toronto
2002-2011	Psychometrist and Medical File Reviews, Private Practice Settings (Various)
2002-2004	Research Assistant, University of Toronto

Special Interests

*ADHD, Veterans, Traumatic Brain Injury, Learning/Psychoeducational assessment,
Dementia/Alzheimer's Disease, Stroke, Multiple Sclerosis, Schizophrenia, co-morbid
mental health conditions (depression, anxiety, post-traumatic stress)*

Internship and Practicum Experience

2009	MITACS Accelerate Ontario Research Fund Internship Program, University of Toronto and Sibley & Associates, Inc.
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- 2008-2009 Neurology Service, Toronto Rehabilitation Institute
- 2007-2008 Memory Link Program, Baycrest Hospital
- 2006-2007 Neurology Service (WSIB Brain Injury Specialty Clinic), Acquired Brain Injury Program, and Spinal Cord Rehabilitation Program, Toronto Rehabilitation Institute

Education

- 2004-2010 Ph.D., Psychology, Specialization in Biology and Behaviour; Clinical Extension program, University of Toronto
Thesis Title: Investigating executive functioning in everyday life using an ecologically oriented virtual reality task
- 2003-2004 M.A., Psychology, Specialization in Biology and Behaviour, University of Toronto
Thesis Title: Cognitive set shifting using functional magnetic resonance imaging (fMRI): A comparison between a traditional and a novel executive function task
- 2003 Honours B.Sc., Specialist in Psychology, University of Toronto
Graduated with High Distinction

Professional Affiliations and Memberships

Registered with the College of Psychologists of Ontario (#5065)
Member of the Ontario Psychological Association
Member of the International Neuropsychological Society
Baycrest Hospital - Clinical Adjunct Educator (2016-2019)
National Academy of Neuropsychology (2012-2018)
Canadian Psychological Association (2012-2016)
American Psychological Association (2003-2009)

Book Chapters/Refereed Publications

Jovanovski, D., & Zakzanis, K. (2017). On the use of virtual reality as an outcome measure in neuropsychological rehabilitation. In R.L. Kane & T.D. Parsons (Eds.), *The Role of Technology in Clinical Neuropsychology* (pp. 61-87). Oxford University Press.

Jovanovski, D., Zakzanis, K., Campbell, Z., Erb, S., & Nussbaum, D. (2012). Development of a novel, ecologically oriented virtual reality measure of executive function: The Multitasking in the City Test. *Applied Neuropsychology*, 19, 171-182.

Jovanovski, D., Zakzanis, K., Ruttan, L., Campbell, Z., Erb, S., & Nussbaum, D. (2012). Ecologically valid assessment of executive dysfunction using a novel virtual reality task in patients with acquired brain injury. *Applied Neuropsychology*, 19, 207-220.

Campbell, Z., Zakzanis, K.K., **Jovanovski, D.,** Joordens, S., Mraz, R., & Graham, S.J. (2009). Utilizing virtual reality to improve the ecological validity of clinical neuropsychology: An fMRI case study elucidating the neural basis of planning by comparing the Tower of London with a three-dimensional navigation task. *Applied Neuropsychology*, 16, 295-306.

Jovanovski, D., Zakzanis, K.K., Campbell, Z., Atia, M., & Young, D.A. (2007). A comparison between an interview and a self-report method of insight assessment in chronic schizophrenia revisited: A replication study using the SUMD and SAIQ. *Journal of Nervous and Mental Disease*, 195, 165-169.

Jovanovski, D., & Bassili, J. (2007). The relationship between morningness-eveningness preference and online learning. *Biological Rhythm Research*, 38, 355-365.

Zakzanis, K.K., Campbell, Z. & **Jovanovski, D.** (2007). The neuropsychology of ecstasy (MDMA) use: A quantitative review. *Human Psychopharmacology*, 22, 427-435.

Jovanovski, D., Zakzanis, K.K., Young, D.A., & Campbell, Z. (2006). Assessing the relationship between insight and everyday executive deficits in chronic schizophrenia? A pilot study. *Psychiatry Research*, 151, 47-54.

Jovanovski, D., & Zakzanis, K.K. (2003). Donepezil in a chronic drug user – A potential treatment? *Human Psychopharmacology*, 18, 561-564.

Jovanovski, D., Erb, S., & Zakzanis, K.K. (2003). Neurocognitive deficit in cocaine users: A quantitative review of the evidence. *The Journal of Clinical and Experimental Neuropsychology*.

Presentations/Lectures/Posters

2022 (Nov) Panelist – Round-Table Panel Discussion – Ethics course (graduate level) at University of Toronto Scarborough Campus

2019 (Nov) Panelist – Round-Table Panel Discussion – Ethics course (graduate level) at University of Toronto Scarborough Campus

2017 (Dec) Clinical Neuropsychologists in Private Practice. Invited Speaker, Neuropsychology Seminar Series, Baycrest Hospital.

2017 (May) Clinical Neuropsychologists in Private Practice. Invited Speaker, Neuropsychology Seminar Series, Baycrest Hospital.

- 2016 Traumatic Brain Injury. Invited Speaker, Neuropsychology Seminar Series, Baycrest Hospital.
- 2014 Neuropsychological Rehabilitation – Memory and Attention-Executive Functions. Invited Speaker, Neuro Interest Group, West Park Healthcare Centre
- 2014 Traumatic Brain Injury. Invited Speaker, Neuropsychology Seminar Series, Baycrest Hospital.
- 2013 Traumatic Brain Injury – Neurocognitive Perspective. Invited Speaker, Interactive Seminar Presentation on the Evaluation and Assessment of Traumatic Brain Injury, Chronic Pain and Post-Traumatic Stress Disorder. McCall Dawson Osterberg Handler and West Park Assessment Centre.
- 2010 Neuropsychological Rehabilitation in Alzheimer’s Disease and Other Dementias. Invited Speaker, Sibley & Associates, Inc.
- 2008 **Jovanovski, D.**, Zakzanis, K.K., Treble, A., & Campbell, Z. Ecologically Valid Assessment of Executive Functioning in the (Virtual) Real World: The Multitasking in the City Test. *International Neuropsychological Society 36th Annual Meeting*, Waikoloa, Hawaii (Poster).
- 2008 Treble, A., Zakzanis, K.K., Rewilak, D., & **Jovanovski, D.** Effectiveness and generalization of a cognitive rehabilitation program for executive dysfunction. *International Neuropsychological Society 36th Annual Meeting*, Waikoloa, Hawaii (Poster).
- 2008 Zakzanis, K.K., Campbell, Z., & **Jovanovski, D.** Validation of the Dementia Rating Scale-II as a Measure of Cognitive Dissimulation: A Pilot Study. *International Neuropsychological Society 36th Annual Meeting*, Waikoloa, Hawaii (Poster).
- 2008 Zakzanis, K.K., Campbell, Z., & **Jovanovski, D.** The Clinical Utility of Two Non-Memory Based Forced Choice Measures of Malingering in Patients with Mild Traumatic Brain Injury. *National Academy of Neuropsychology 28th Annual Meeting*, New York, New York (Poster).
- 2008 **Jovanovski, D.**, Zakzanis, K.K., Treble, A., & Campbell, Z. Executive Function in the (Virtual) Real World: The Multitasking in the City Test. *National Academy of Neuropsychology 28th Annual Meeting*, New York, New York (Poster).
- 2008 Zakzanis, K.K., Campbell, Z., & **Jovanovski, D.** The Dementia Rating Scale as a Multifactorial Measure of Malingering: A Pilot Study. *National*

- Academy of Neuropsychology 28th Annual Meeting*, New York, New York (Poster).
- 2008 Treble, A., Zakzanis, K.K., Rewilak, D., & **Jovanovski, D.** Effectiveness and generalization of a cognitive rehabilitation program for executive dysfunction. *National Academy of Neuropsychology 28th Annual Meeting*, New York, New York (Poster).
- 2007 Assessing Executive Functions using Virtual Reality. Brain Imaging Rounds, University of Toronto.
- 2007 Cognitive Behaviour Therapy. Invited Speaker, Spinal Cord Injury Program, Toronto Rehabilitation Institute.
- 2007 Zakzanis, K.K., Campbell, Z., & **Jovanovski, D.** Cognitive variability in high-functioning individual. *International Neuropsychological Society 35th Annual Meeting*, Portland, Oregon (Poster).
- 2007 Zakzanis, K.K., Campbell, Z., & **Jovanovski, D.** Detecting inadequate effort using forced-choice formats of the Benton Facial Recognition and Judgment of Line Orientation Tests: A pilot study. *International Neuropsychological Society 35th Annual Meeting*, Portland, Oregon (Poster).
- 2006 Bassili, J., & **Jovanovski, D.** Circadian preference and online lectures. *Society for Teaching and Learning in Higher Education Conference*, Toronto, Ontario (Poster).
- 2006 Salomonczyk, D., **Jovanovski, D.**, Campbell, Z., & Zakzanis, K. K. Cognitive variability in high-functioning individuals. *National Academy of Neuropsychology 26th Annual Meeting*, San Antonio, Texas (Poster).
- 2005 **Jovanovski, D.**, Zakzanis, K.K., Campbell, Z., Mraz, R., & Graham, S. The Neurological Correlates of a Novel, Ecologically-Valid Set Shifting Task. *International Neuropsychological Society 33rd Annual Meeting*, St. Louis, Missouri (Poster).
- 2005 Campbell, Z., **Jovanovski, D.**, & Zakzanis, K.K. The Dementia Rating Scale 2: A potential measure for the detection of cognitive dissimulation. *International Neuropsychological Society 33rd Annual Meeting*, St. Louis, Missouri (Poster).
- 2004 Orientation, Attention and Perception. Invited Lecturer, Clinical Neuropsychology course, University of Toronto at Scarborough.

- 2004 **Jovanovski, D.,** Zakzanis, K., & Young, D. Awareness of illness and its relationship to executive function in chronic schizophrenia: The missing executive? *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, Maryland (Poster).
- 2004 Zakzanis, K., Young, D., & **Jovanovski, D.** Semantic clustering and the role of effort in memory encoding processes in major depressive disorder. *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, Maryland (Poster).
- 2004 Young, D., **Jovanovski, D.,** & Zakzanis, K. Evaluation of insight and order of administration effects: A comparison between a researcher-rated and a self-report insight scale in schizophrenia. *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, Maryland (Poster).
- 2004 **Jovanovski, D.,** & Zakzanis, K. Donepezil and the potential treatment benefits of cholinergic stimulation in polydrug use: A case study. *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, Maryland (Poster).
- 2004 **Jovanovski, D.,** Erb, S., & Zakzanis, K. Meta-analytic evidence of neurocognitive deficits in cocaine users. *International Neuropsychological Society 32nd Annual Meeting*, Baltimore, Maryland (Poster).
- 2003 **Jovanovski, D.,** & Zakzanis, K.K. Donepezil in MDMA users - A potential treatment? A case study. *Division 40 program at the American Psychological Association Convention*, Toronto, Ontario (Poster).
- 2003 Zakzanis, K.K., Young, D.A., & **Jovanovski, D.** Memory and effort in patients with major depressive disorder. *Division 40 program at the American Psychological Association Convention*, Toronto, Ontario (Poster).
- 2003 Young, D., **Jovanovski, D.,** & Zakzanis, K. Comparison between a researcher-rated and a self-report insight scale in chronic schizophrenia. *National Academy of Neuropsychology 23rd Annual Meeting*, Dallas, Texas (Poster).
- 2003 **Jovanovski, D.,** Erb, S., & Zakzanis, K. Neurocognitive deficit in cocaine users: A quantitative review of the evidence. *National Academy of Neuropsychology 23rd Annual Meeting*, Dallas, Texas (Poster).
- 2003 **Jovanovski, D.,** Zakzanis, K., & Young, D. The missing executive: Insight in chronic schizophrenia and its relationship to executive function. *National Academy of Neuropsychology 23rd Annual Meeting*, Dallas, Texas (Poster).

- 2003 **Jovanovski, D. & Zakzanis, K.** Therapeutic benefits of cholinergic enhancement in a polydrug user. *National Academy of Neuropsychology 23rd Annual Meeting*, Dallas, Texas (Poster).

Additional Professional Activities/Media Attention

- Qualified as an expert in Neuropsychology by FSCO and LAT arbitrators and by the Courts in Ontario and permitted to give expert testimony on areas within my scope of expertise
- Developed and validated two virtual reality neuropsychological tests of executive functioning abilities - Multitasking in the City Test and the Office Courier Test – and used functional MRI technology to evaluate the neural basis of these abilities (Sunnybrook MRI and Virtual Reality Laboratory; University of Toronto at Scarborough)
- Neuropsychology Intern and Practicum Supervisor; Research/Thesis Supervisor
 - Supervised over 20 undergraduate or graduate students
- Webinar attendance and education regarding virtual assessments during the COVID-19 pandemic, including the webinar “Teleneuropsychology (TeleNP) in Response to COVID-19” hosted by the International Neuropsychological Society and guidelines and information provided by the College of Psychologists of Ontario and the Ontario Psychological Association
- Member of Acquired Brain Injury Steering Committee, West Park Healthcare Centre (2013)
- Study co-authored with J. Bassili, entitled “The relationship between morningness-eveningness preference and online learning” and published in *Biological Rhythm Research*, mentioned in news coverage in print (Toronto Star), radio, and internet (2007)

Academic Awards and Scholarships

- 2013-2015 Excellence in Clinical Education Award
West Park Healthcare Centre
- 2009 MITACS Accelerate Ontario Research Fund Internship Program
- 2005-2007 Natural Sciences and Engineering Research Council of Canada: Canada Graduate Scholarship – Doctoral
- 2004 Mary H. Beatty Fellowship

Natural Sciences and Engineering Research Council of Canada: Canada
Graduate Scholarship - Masters

2003 Forrin Prize in Psychology

2001 Dr. Vivian Paskal Memorial Prize in Psychology

University of Toronto Scholar

2000 University of Toronto Leadership Award