

## CURRICULUM VITAE

### I. BIOGRAPHICAL

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<b>Name:</b>	Danijela Piskulic	<b>Present Rank:</b>	Research Scientist /
<b>Address:</b>	79 Point Drive NW Calgary, AB T3B4V9		Adjunct Assistant Professor
<b>Tel (BH):</b>	+1 (403) 210-7327	<b>Department:</b>	Critical Care Medicine / Psychiatry
<b>Tel (AH):</b>	+1 (587) 228-0321	<b>Faculty:</b>	Medicine
		<b>Institution:</b>	University of Calgary

### II. ACADEMIC RECORD

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<b>2008</b>	<p><b>Doctor of Philosophy (PhD)- Medicine, Dentistry and Health Sciences</b> University of Melbourne, Department of Psychiatry, Austin Health, Heidelberg, VIC Australia Supervisors: Dr. Trevor Norman; Dr. James Olver Thesis: <i>Neurocognitive function in schizophrenia: evaluation of the serotonin <sub>1A</sub> receptor system</i></p>
<b>2001</b>	<p><b>Honours of Applied Science (Psychophysiology)</b> Swinburne University, Hawthorn Campus, Hawthorn, VIC Australia Supervisor: Dr. Joseph Ciorciari Manuscript: <i>EEG photic driving in first-degree relatives of probands with schizophrenia</i></p>
<b>2000</b>	<p><b>Bachelor of Arts (Psychology/Psychophysiology)</b> Swinburne University, Hawthorn Campus, Hawthorn, VIC Australia</p>

### III. AWARDS AND DISTINCTIONS

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- HBI / Mathison Centre Pilot Research Fund Program (PFUN) award 2016-2017
- Cumming School of Medicine Clinical Research Fund Award 2016-2018
- National Alliance for Research in Schizophrenia and Depression (NARSAD) Young Investigator Award for 2011-2013
- Alberta Heritage Fund for Medical Research (AHFMR) Fellowship Award for 2011
- Postdoctoral Research Fellowship from the University of Calgary for 2009-2011
- Melbourne Abroad Postgraduate Travelling Scholarship from University of Melbourne for 2005
- University of Melbourne Department of Psychiatry Postgraduate Studentship for 2003-2007

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#### IV. ACADEMIC APPOINTMENTS

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<b>2018- Ongoing</b>	<b>Research Scientist / Adjunct Assistant Professor</b> Department of Critical Care Medicine / Department of Psychiatry University of Calgary
<b>2015-2018</b>	<b>Research Associate / Adjunct Assistant Professor</b> The Mathison Centre for Mental Health Research and Education / Department of Psychiatry, University of Calgary
<b>2012-2015</b>	<b>Research Fellow</b> Orygen, The National Centre of Excellence in Youth Mental Health (Orygen), University of Melbourne
<b>2009- 2012</b>	<b>Postdoctoral Research Fellow</b> University of Calgary, Department of Psychiatry, Hotchkiss Brain Institute
<b>2006- 2009</b>	<b>Postdoctoral Research Fellow / Research Officer</b> The Northern Hospital, Northern Psychiatry Research Centre, University of Melbourne
<b>2008- 2009</b>	<b>Research Officer</b> Austin Health, Department of Psychiatry, University of Melbourne

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#### V. EDUCATIONAL ACTIVITIES

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- i. Undergraduate**  
Neuroscience Summer Student Supervision, University of Calgary, May-August 2011 and June 2015-2018  
Training and supervision of undergraduate student volunteers in research assessment techniques, such as neurocognitive testing and administration of research questionnaires to healthy volunteers and clinical groups; manuscript preparation for publication purposes; scholarship applications.
- ii. Graduate**  
Student Supervision, University of Melbourne, Department of Psychiatry, 2008-2009  
Training and supervision of undergraduate honours students in all aspects of research conduct and dissemination of research results. This included direct supervision of student research projects regarding adherence to study-specific methodology and write-up of research theses.
- iii. Postgraduate**  
Guest Lecturer, Clinical Psychology Graduate Programme, University of Calgary, 20 October 2010 and 2011  
An annual guest lecturers in the field of clinical high risk of psychosis research to postgraduate students that were enrolled in the Masters of Clinical Psychology course at the University of Calgary.

## VI. ADMINISTRATIVE RESPONSIBILITIES

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### *Supervision and teaching*

- **Student supervision and mentoring**, Department of Psychiatry, University of Calgary, 2015-2018  
Ongoing supervision and mentoring of graduate (PhD and Masters level) and undergraduate students regarding all aspects of their research involvement. This includes planning of new research studies, grant and scholarship applications, data collection; data dissemination; manuscript and thesis preparation.
- **Candidacy examination committee member**, Department of Psychiatry, University of Calgary, 2015-current  
Member of Graduate Program Supervisory Committee for PhD and Masters level students.
- **Staff supervision**,  
Ultra-high risk for psychosis studies, Orygen, University of Melbourne, 2014-2015  
The role involved ongoing supervision, training and support of research staff working across different studies. This included insuring that all study-specific requirements are adhered to and assisting with problems around participant recruitment and assessment.
- **Research assistant supervision**, Youth depression Alleviation studies, Orygen, University of Melbourne, 2012-2014  
Assisted with training and supervision of staff involved in two large research studies in youth depression. This involved ensuring that all staff are trained on study-specific methodology involving all research assessments, recruitment of study participants and data handling.
- **Neurocognitive and Electrophysiology Lab Supervision**, North American Prodrome Longitudinal Study (NAPLS), University of Calgary site, 2010-2012  
The above role was established as part of a large, multisite study and it involved monthly conference calls across 8 study sites as well as supervision and training of laboratory staff and student volunteers.

### PROFESSIONAL ACTIVITIES

#### *Memberships in scientific societies and associations*

<b>2016-Ongoing</b>	Hotchkiss Brain Institute
<b>2015-Ongoing</b>	The Mathison Centre for Mental Health Research and Education
<b>2014-Ongoing</b>	International Association for Youth Mental Health
<b>2014-Ongoing</b>	The Society for Mental Health Research
<b>2010- Ongoing</b>	International Early Psychosis Association
<b>2009- Ongoing</b>	Schizophrenia International Research Society
<b>2006- 2008</b>	Australasian Society for Psychiatric Research

**Research related activities**

<b>2010- Ongoing</b>	Reviewer for <i>Early Intervention in Psychiatry, Psychopathology, Psychiatry Research, European Psychiatry, Scandinavian Journal of Psychology, Schizophrenia Research and Journal of Affective Disorders</i> journals
<b>2016-Ongoing</b>	Reviewer for the <i>Medical Research Council (MRC)</i>
<b>2016-Ongoing</b>	Reviewer for Cumming School of Medicine <i>Clinical Research Fund (CRF)</i>
<b>2016-Ongoing</b>	Scientific Committee Member for <i>International Early Psychosis Association</i>
<b>2013-2015</b>	Reviewer for <i>National Health and Medical Research Council (NHMRC)</i>
<b>2013-2015</b>	Thesis examiner for Honours and Masters Level courses in Psychology
<b>2015-Ongoing</b>	Member of a masters and doctoral program examination committee

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**VII. RESEARCH SUPPORT**


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Name of Agency: **Alberta Heritage Foundation for Medical Research (AHFMR)**  
Date of Award: January 2011-January 2012  
Project Title: **Effects of cognitive remediation on cognition in young people at clinical high risk of psychosis**  
Total Amount: \$35,000  
PI: Piskulic, D

Name of Agency: **Brain and Behavior Research Foundation (Formerly NARSAD)**  
Date of Award: July 2011- December 2013  
Project Title: **Effects of cognitive remediation on cognition in young people at clinical high risk of psychosis**  
Total Amount: \$54,000  
PI: Piskulic, D

Name of Agency: **Cumming School of Medicine Clinical Research Fund—Start-up Grant**  
Date of Award: February 2016- February 2018  
Project Title: **Pilot study of cognitive remediation for youth at risk of serious mental illness**  
Total Amount: \$10,000  
PI: Piskulic, D

Name of Agency: **HBI / Mathison Centre Pilot Research Fund Program (PFUN)**  
 Date of Award: April 2016- April 2017  
 Project Title: **Pilot study of cognitive remediation for youth at risk of serious mental illness**  
 Total Amount: \$20,000  
 PIs: Piskulic, D and Addington, J

### VIII. INVITED ADDRESSES

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A beautiful mind: Schizophrenia and the brain. *Body Worlds and the Brain, Telus World of Science, Calgary, Canada, 21 May 2010.*

Clinical high risk of psychosis. *Abnormal Psychology Graduate Class, Department of Psychology, University of Calgary, September 2010 and October 2011.*

Remediation of Cognitive Functioning in Persons at Clinical High Risk (CHR) of psychosis. *Neuronal Systems and Behaviour Progress Rounds, Hotchkiss Brain Institute, Department of Psychiatry, University of Calgary, June 2011.*

Mental Health and Mental Illness: Let's talk Depression. *Defeat Depression Campaign, Mood Disorders Society of Canada, University of Calgary, November, 2016.*

Identifying Youth at Risk for Psychosis. Now We Are Stronger Conference, Canadian mental Health Association, Red Deer, May 2017.

### PUBLICATIONS

#### **Peer reviewed manuscripts (published only):**

Davidson C, **Piskulic D**, Addington J, et al. (2018). Age-related trajectories of social cognition in Youth at clinical high risk for psychosis: An exploratory study. *Schizophrenia Research*, <https://doi.org/10.1016/j.schres.2018.05.001>

Fulford D, **Piskulic D**, Addington J, Kane J.M, Schooler N.R., Mueser K.T (2018). Prospective relationships between motivation and functioning in recovery after a first episode of schizophrenia. *Schizophrenia Bulletin*, 44 (2): 369-377.

**Piskulic D**, Romanowska S, Addington J (2017). Pilot study of cognitive remediation and motivational interviewing in youth at risk of serious mental illness. *Early Intervention in Psychiatry*, doi.org/10.1111/eip.12520.

Addington J, **Piskulic D**, Liu L, Lockwood J, Cadenhead K, Cannon T, Cornblatt B, McGlashan T, Perkins D, Seidman L, Tsuang M, Walker E, Bearden C, Mathalon D, Woods S. (2017). Comorbid diagnoses for youth at clinical high risk of psychosis. *Schizophrenia Research*, 190: 90-95.

**Piskulic D**, Liu L, Cadenhead K, Cannon T, Cornblatt B, McGlashan T, Perkins D, Seidman L, Tsuang M, Walker E, Woods S, Bearden C, Mathalon D, Addington J (2016). Social cognition over time in Individuals at clinical high risk for psychosis: Findings from the NAPLS-2 cohort. *Schizophrenia Research*, 171: 176-181.

**Piskulic D**, Nelson B, Alvarez-Jimenez M, McGorry P (2015). Conventional and alternative preventive treatments in the first stages of schizophrenia. *The European Journal of Psychiatry*, 29 (2): 135-143.

**Piskulic D**, Barbato M, Liu L, Addington J (2015). Pilot study of cognitive remediation therapy on cognition in young people at clinical high risk of psychosis. *Psychiatry Research*, 225 (1-2): 93-98.

Davey C, Chanen A, Cotton SA, Hetrick SE, Kerr MJ, Berk M, Dean OM, Yuen K, Phelan M, Ratheesh A, Schäfer MR, Amminger PA, Parker AG, **Piskulic D**, Harrigan S, Mackinnon AJ, Harrison BJ, McGorry PD (2014). The addition of fluoxetine to cognitive behavioural therapy for youth depression (YoDA-C): study protocol for a randomised control trial. *Trials*, 15, 425.

Addington J, **Piskulic D**, Perkins D, Woods S, Lu Liu, Penn D (2012): Affect recognition in people at clinical high risk of psychosis. *Schizophrenia Research*, 140 (1-3): 87-92.

**Piskulic D**, Addington J, Cadenhead K, Cannon T, Cornblatt B, Heinssen B, Perkins D, Seidman L, Tsuang M, Walker E, Woods S, McGlashan T (2012): Negative symptoms in individuals at clinical high risk of psychosis. *Psychiatry Research*, 196 (2-3), 220-224.

**Piskulic D**, Addington J (2011): Social cognition and negative symptoms in psychosis. *Psychiatry Research*, 188 (2), 283-285.

**Piskulic D**, Addington J, Auther A, Cornblatt B (2011): Using the global functioning social and role scales in a first episode sample. *Early Intervention in Psychiatry*, 5 (3), 219-223.

Addington J, **Piskulic D** (2011). Social cognition and functional outcome are separate domains in schizophrenia. *Schizophrenia Research*, 127 (1-3), 262-263.

Addington J, **Piskulic D**, Marshall C (2010): Psychosocial Treatments for Schizophrenia. *Current Directions in Psychological Science*, 19, 260-263.

**Piskulic D**, Olver JS, Maruff P, Norman TR (2009): Treatment of cognitive dysfunction in chronic schizophrenia by augmentation of atypical antipsychotics with buspirone, a partial 5-HT1A receptor agonist. *Human Psychopharmacology*, 24, 437-446.

D'Souza R, **Piskulic D**, Sundram S. (2009): A brief dyadic group based psychoeducation program improves relapse rates in recently remitted bipolar 1 disorder: a pilot randomised controlled trial. *Journal of Affective Disorders*, 120 (1-3), 272-276.

Berk M, Gama C.S, Sundram S, Hustig H, Koopowitz L, D'Souza R, Malloy H, Rowland C, Monkhouse A, Monkhouse A, Bole F, Sathiya S, **Piskulic D**, Dodd S (2009): Mirtazapine add-on therapy in the treatment of schizophrenia with atypical antipsychotics: A double-blind, randomised, placebo-controlled clinical trial. *Human Psychopharmacology*, 24, 233-238.

Pietrzak R, Olver J, Norman T, **Piskulic D**, Maruff P, Snyder P (2009): A comparison of the Cogstate Schizophrenia Battery and MATRICS Battery in assessing cognitive impairment in chronic schizophrenia. *Journal of Clinical and Experimental Neuropsychology*, 31 (7), 848-859.

Pietrzak R, Snyder P, Jackson C, Olver J, Norman T, **Piskulic D**, Maruff P (2009): Stability and cognitive impairment in chronic schizophrenia over brief and intermediate re-test intervals. *Human Psychopharmacology*, 24 (2), 113-121.

Sundram S, Lambert T, **Piskulic D** (2008): Acculturation is associated with the prevalence of tardive dyskinesia and akathisia in community treated patients with schizophrenia. *Acta Psychiatrica Scandinavica*, 117 (6), 474-478.

Snyder J.P, Jackson C.E, **Piskulic D**, Olver J, Norman T, Maruff P (2008): Spatial working memory and problem solving in schizophrenia: The effect of symptom stabilization with atypical antipsychotic medication. *Psychiatry Research*, 160, 316-326.

**Piskulic D**, Olver JS, Norman TR, Maruff P (2007): Behavioural studies of spatial working memory dysfunction in schizophrenia: A quantitative literature review. *Psychiatry Research*, 150, 111-121

### ***Non-peer reviewed manuscripts***

Remediation of cognitive functioning in schizophrenia. Knowledge Note 10. *Alberta Addiction and Mental Health Research Program*.

### ***Books and chapters (published only):***

Addington J, **Piskulic D** (2013): Social Cognition Early in the Course of Illness. *Social Cognition in Schizophrenia: From Evidence to Treatment*. Oxford University Press.

### ***Published abstracts***

**Piskulic D**, Addington J (2017). Pilot study of cognitive remediation for youth at risk of serious mental illness. *Child and Adolescent Psychiatry and Mental Health. XXII International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP), Calgary, Canada*.

Addington J, **Piskulic D**, Liu L, Lockwood J, Cadenhead K, Cannon T, Cornblatt B, McGlashan T, Perkins D, Seidman L, Tsuang M, Walker E, Bearden C, Mathalon D, Woods S (2017). Comorbid diagnoses for youth at clinical high risk of psychosis. *Child and Adolescent Psychiatry and Mental Health. XXII International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP), Calgary, Canada.*

**Piskulic D**, Liu L, Cadenhead K, Cannon T, Cornblatt B, McGlashan T, Perkins D, Seidman L, Tsuang M, Walker E, Woods S, Bearden C, Mathalon D, Addington J (2017). Social cognition over time in Individuals at clinical high risk for psychosis: Findings from the NAPLS-2 cohort. *Child and Adolescent Psychiatry and Mental Health. XXII International Association for Child and Adolescent Psychiatry and Allied Professions (IACAPAP), Calgary, Canada.*

**Piskulic D**, Liu L, Cadenhead K, Cannon T, Cornblatt B, McGlashan T, Perkins D, Seidman L, Tsuang M, Walker E, Woods S, Bearden C, Mathalon D, Addington J (2016). Social cognition over time in Individuals at clinical high risk for psychosis: Findings from the NAPLS-2 cohort. *npj Schizophrenia, 2, S79, 29. 5<sup>th</sup> Biennial Schizophrenia International Research Society Conference, Florence, Italy*

**Piskulic D**, Barbato M, Liu L, Addington J (2014). Pilot study of cognitive remediation therapy on cognition in young people at clinical high risk of psychosis. *9<sup>th</sup> International Conference on Early Psychosis (IEPA), Tokyo, Japan.*

**Piskulic D**, Penn D, Perkins D, Woods S, Lu Liu, Addington J. (2012): Affect recognition in people at clinical high risk of psychosis. *Schizophrenia Research, 136 (Suppl.1), 155. 3rd Biennial Schizophrenia International Research Conference, Florence, Italy.*

**Piskulic D**, Barbato M, Addington J. (2012). Effects of cognitive remediation on cognition in young people at clinical high risk of psychosis. *Schizophrenia Research, 136 (Suppl.1), 251. 3rd Biennial Schizophrenia International Research Conference, Florence, Italy.*

**Piskulic D**, Addington J. (2011). Social cognition and negative symptoms in psychosis. *Schizophrenia Bulletin, 37 (Suppl.1), 249. 13<sup>th</sup> International Congress on Schizophrenia Research, Colorado Springs, US and Canadian Psychiatric Association (CPA) 61st Annual Conference, Vancouver, Canada*

**Piskulic D**, Addington J, Cadenhead K, Cannon T, Cornblatt B, Heinssen R, Perkins D, Siedman L, Tsuang M, Walker E, Woods S, McGlashan T. (2010). Apathy and its relationship to social and role functioning in clinical high risk for psychosis. *Early Intervention in Psychiatry, 4 (Supp.1), 107. 7<sup>th</sup> International Conference on Early Psychosis (IEPA), Amsterdam, Netherlands*

**Piskulic D**, Addington J, Auther A, Cornblatt B. (2010). Using the global functioning social and role scales in a first episode sample. *Early Intervention in Psychiatry, 4 (Supp.1), 72. 7<sup>th</sup> International Conference on Early Psychosis (IEPA), Amsterdam, Netherlands*



**Piskulic D**, Addington J. (2010). Negative symptoms and social functioning in those at clinical high risk for psychosis. *Early Intervention in Psychiatry*, 4 (Supp.1), 107. *7<sup>th</sup> International Conference on Early Psychosis (IEPA), Amsterdam, Netherlands*

Addington J, **Piskulic D**. (2010). Social Cognition and Social Functioning in Early Psychosis: Are they related? *Early Intervention in Psychiatry*, 4 (Supp.1). *7<sup>th</sup> International Conference on Early Psychosis (IEPA), Amsterdam, Netherlands*

**Piskulic D**, Addington J, Maruff P (2010): Social Cognition in Schizophrenia: A Quantitative Review of the Literature. *Schizophrenia Research*, 117 (2-3), 413. *2nd Biennial Schizophrenia International Research Conference, Florence, Italy*

**Piskulic D**, Addington J (2010): Social cognition and functional outcome as separate domains in schizophrenia. *Schizophrenia Research*, 117 (2-3), 528. *2nd Biennial Schizophrenia International Research Conference, Florence, Italy*

**Piskulic D**, Addington J, Auther A, & Cornblatt BA (2010): Using the Global Functioning in Psychosis: Social and Role Scales in a First Episode Sample. *Schizophrenia Research*, 117 (2-3), 406. *2nd Biennial Schizophrenia International Research Conference, Florence, Italy*

Lambert T, Sundram S, **Piskulic D** (2008): Acculturation is associated with the prevalence of tardive dyskinesia and akathisia in community treated patients with schizophrenia. *Australian and New Zealand Journal of Psychiatry*, 42 (2), 20. *10<sup>th</sup> Australian Schizophrenia Conference, Lorne, Australia*

Dodd S, Berk M, D'Souza R, Hustig H, Koopowitz L, Monkhouse A, Bole F, Sathiya S, **Piskulic, D** (2008): Mirtazapine add-on therapy in the treatment of schizophrenia with atypical antipsychotics: A double-blind, randomised, placebo-controlled clinical trial. *Australian and New Zealand Journal of Psychiatry*, 42 (2), 46. *10<sup>th</sup> Australian Schizophrenia Conference, Lorne, Australia and XXVI CINP Collegium Internationale Neuro-Psychopharmacologicum, Munich, Germany*

**Piskulic D**, Olver JS, Monshat K, Norman TR, Maruff P (2006): The maintenance and manipulation of spatial information in working memory in schizophrenia. *Acta Neuropsychiatrica*, 18 (6). *Australasian Society for Psychiatric Research, Sydney, New South Wales*

**Piskulic D**, Olver JS, Maruff, P, Norman TR (2006): Effect of buspirone, a partial 5-HT<sub>1A</sub> agonist, on verbal learning and memory in healthy volunteers. *Acta Neuropsychiatrica*, 18 (6). *Australasian Society for Psychiatric Research, Sydney, New South Wales*