

Sherry-Anne Muscat, PhD, Registered Psychologist

Registered Psychologist (Alberta) | College of Alberta Psychologists, Practice Permit #3548
Edmonton, Alberta, Canada

Professional Profile

Registered Psychologist and scholar-practitioner with more than 17 years of experience across hospital, community, private-practice, forensic, and Indigenous service contexts. Clinical and scholarly work integrates neuroscience and consciousness studies, neuropsychological and forensic assessment, trauma- and attachment-informed psychotherapy, ketamine-assisted psychotherapy, and culturally responsive care. Current academic work is well aligned with doctoral-level teaching in neuroscience, consciousness, transpersonal psychology, and clinical translation.

Licensure, Registration, and Professional Standing

- Registered Psychologist, College of Alberta Psychologists, independent practice, Practice Permit #3548.
- Member, Psychological Association of Alberta.
- Member, EMDR Canada and EMDR International Association (EMDRIA).
- Five years of post-graduate clinical supervision in psychological, neuropsychological, and forensic assessment, diagnosis, and treatment.

Education

Ph.D., Psychology: Transpersonal Psychology | *California Institute of Integral Studies, San Francisco, California, 2021*

- Dissertation: Integrative Ketamine Therapy May Enhance Mental Health Collaborations with Traditional Indigenous Healing in Canadian Health Care.
- Selected doctoral preparation included neuroscience of consciousness, EEG concepts and procedures, psychedelic research and therapy, quantitative research methods with neuroscience of consciousness, interpersonal neurobiology, somatic psychology, and integral/transpersonal research methods.

M.A., Counselling Psychology | *Yorkville University, 2007*

- Master's case presentation: Assessment and Treatment of Self-Injurious Behaviour in an Adolescent Female.

B.A., Psychology; Minor in Criminology | *University of Manitoba, 1982*

Academic Appointments, Teaching, and Scholarly Service

- Faculty Instructor, neuroscience and consciousness, Department of Integral, Transpersonal, and Positive Psychology, California Institute for Human Science (CIHS), 2026.
- Adjunct Academic Colleague Faculty, Faculty of Education, University of Alberta.
- PhD and master's-level psychology practicum supervisor, Alberta Hospital Edmonton.
- College of Alberta Psychologists licensing supervisor.
- Guest Editor, *Frontiers in Psychiatry, Psychopharmacology Section*, three years.

Teaching and Curriculum Strengths

- Doctoral-level neuroscience and consciousness education, including neural correlates of consciousness, brain architecture, EEG concepts, and clinical translation.
- Psychedelic and ketamine-assisted psychotherapy scholarship, including mechanisms of action, neuroplasticity, set and setting, integration, ethics, and trauma-informed treatment design.
- Clinical neuroscience applications in neuropsychological assessment, developmental trauma, attachment, dissociation, forensic psychiatry, and culturally responsive mental health care.
- Ability to bridge empirical research, clinical practice, and integral/transpersonal psychology in a way that supports both scientific rigor and whole-person education.

Selected Peer-Reviewed Publications and Scholarship

- Hartelius, G., Muscat, S.-A., & Bartova, L. (2023). Editorial: Bridging the gap: An interdisciplinary perspective on ketamine in psychiatric disorders. *Frontiers in Psychiatry*, 14, 1246891. <https://doi.org/10.3389/fpsy.2023.1246891>
- Muscat, S.-A., Hartelius, G., Crouch, C. R., & Morin, K. W. (2022). Optimized clinical strategies for treatment-resistant depression: Integrating ketamine protocols with trauma- and attachment-informed psychotherapy. *Psych*, 4(1), 119-141. <https://doi.org/10.3390/psych4010012>
- Muscat, S.-A., Hartelius, G., Crouch, C. R., & Morin, K. W. (2021). An integrative approach to ketamine therapy may enhance multiple dimensions of efficacy: Improving therapeutic outcomes with treatment resistant depression. *Frontiers in Psychiatry*, 12, 710338. <https://doi.org/10.3389/fpsy.2021.710338>
- Muscat, S.-A., Wright, G. D., Bergeron, K., Morin, K. W., Crouch, C. R., & Hartelius, G. (2021). Ketamine-assisted and culturally attuned trauma-informed psychotherapy as adjunct to traditional Indigenous healing: Effecting cultural collaboration in Canadian mental health care. *Behavioral Sciences*, 11(9), 118. <https://doi.org/10.3390/bs11090118>
- Muscat, S.-A. (2021). Integrative ketamine therapy may enhance mental health collaborations with traditional Indigenous healing in Canadian health care (Doctoral dissertation, California Institute of Integral Studies). ProQuest Dissertations and Theses.

Research and Scholarly Interests

- Ketamine-assisted psychotherapy, treatment-resistant depression, neuroplasticity, and trauma-informed protocol design.
- Neuroscience of consciousness altered states, psychedelic-assisted therapy, and clinical applications of consciousness research.
- Culturally attuned mental health care, Indigenous healing collaborations, and ethical integration of biomedical and traditional healing frameworks.
- Neurodevelopmental, neuropsychological, and forensic assessment in youth and complex clinical populations.

Clinical and Professional Experience

Psychologist - Youth Forensic Psychiatry | *Turning Point Program, Northern Alberta Forensic Psychiatric Services, Alberta Hospital Edmonton / Alberta Health Services* | 2013-Present

- Conduct comprehensive psychological, neuropsychological, forensic, FASD, autism, personality, and risk assessments for youth involved with the justice system.

- Provide court-ordered assessments under the Youth Criminal Justice Act, including assessments relevant to Intensive Rehabilitative Custody and Supervision (IRCS).
- Serve as part of a multidisciplinary inpatient forensic psychiatry team treating adolescents and young adults with complex mental health, behavioural, developmental, and legal needs.
- Provide trauma-informed individual, group, and family interventions using EMDR, CBT, DBT, ego-state, attachment-based, somatic, and mindfulness-informed approaches.

Psychologist - Private Practice | *Muscat Psychological Services* | 2012-Present

- Provide psychological assessment, psychotherapy, trauma therapy, risk assessment, forensic/legal-purpose assessment, and neurodevelopmental assessment services.
- Service provider for Indigenous Services Canada, First Nations Inuit Health Benefit, Indian Residential School supports, Child and Family Services, Canadian Armed Forces, RCMP, Veterans Affairs, and Alberta Medical Association Physician and Family Support Program.
- Conduct assessments and provide services in northern and remote First Nations communities with limited access to specialty assessment and treatment resources.
- Certified and trained in ketamine-assisted psychotherapy; ketamine-assisted psychotherapist with Precision Neuroclinics / Community Psychiatry Clinic.

Psychologist - Child and Adolescent Mental Health | *Alberta Health Services Community Clinics, Spruce Grove and Leduc* | 2010-2013

- Provided mental health assessment, diagnosis, treatment planning, individual counselling, family counselling, and coordinated school/community consultation for children, adolescents, and families.
- Collaborated with schools, physicians, social workers, and community agencies to support accessible and coordinated child and youth mental health care.

Earlier Clinical and Residential Treatment Experience | *ARCH Psychological Services; High Prairie Youth Assessment Centre; Catholic Social Services; Independent Advocacy Inc.* | 2004-2010

- Provided psychological assessment, trauma therapy, family and group counselling, residential treatment, behavioural consultation, secure treatment recommendations, and support for youth and adults with complex developmental, behavioural, and mental health needs.

Areas of Clinical Expertise

- Psychological and neuropsychological assessment
- Forensic and court-ordered psychological assessment
- Youth forensic psychiatry and risk assessment
- Autism Spectrum Disorder assessment
- Fetal Alcohol Spectrum Disorder assessment
- Trauma- and attachment-informed psychotherapy
- EMDR, DBT, CBT, ego-state, somatic, and mindfulness-informed treatment
- Ketamine-assisted psychotherapy and psychedelic-assisted therapy scholarship
- Indigenous mental health, culturally responsive care, and rural/remote service delivery

Selected Certifications and Advanced Training

- Ketamine-Assisted Psychotherapy, Ketamine Training Center, Palo Alto, California.
- EMDR Certified Therapist in Canada and EMDRIA Certified Therapist.
- DBT Certified Therapist - Graduate of Intensive Training for Clinical Teams.

- FASD 4-Digit Diagnostic Code training, University of Washington, Seattle.
- Advanced EMDR and trauma training in complex childhood trauma, dissociation, early trauma and neglect, somatic therapy, military/veteran trauma, and neurobiological foundations of EMDR.
- Forensic and risk assessment training including HCR-20, SAVRY, Violence Risk Scale, ERASOR, CBT for schizophrenia spectrum disorders, Good Lives and Self-Regulation Model, and forensic mental health core competencies.

Community and Indigenous Engagement

- Clinical consultant to Indigenous and community-based programs serving difficult-to-place First Nations youth with complex needs.
- Extensive clinical experience supporting Indian Residential School Survivors, Missing and Murdered Indigenous Women and Girls-related referrals, and northern Alberta First Nations communities.
- Scholarship and clinical work emphasize culturally attuned collaboration between ketamine-assisted psychotherapy and traditional Indigenous healing practices.

References

Available upon request.