

2017 ANNUAL REPORT 2018

Department of Psychiatry

Education. Clinical. Research.



UNIVERSITY OF SASKATCHEWAN
College of Medicine
DEPARTMENT OF PSYCHIATRY
MEDICINE.USASK.CA



Saskatchewan
Health Authority

CONTENTS

01	ABOUT US	20	DIVISIONS
02	PROVINCIAL HEAD MESSAGE	20	Child Psychiatry
		21	Forensic Psychiatry
		22	Geriatric Psychiatry
03	THE DEPARTMENT	23	AWARDS
03	Saskatoon Executive Committee/ Saskatchewan Health Authority	24	SPECIAL EVENTS & GUESTS
04	Provincial Practitioner Advisory Committee		
05	SHA: Area Appointments & Psychiatrists	25	RESEARCH
06	EDUCATION	26	Research Groups
07	Education Committee Map	31	Funding
08	Undergraduate Medical Education	35	Presentations
09	Postgraduate Medical Education	40	Publications
12	Family Medicine & Off-Service Education	42	Review Activities
13	Continuing Medical Education	43	Supervision
16	CLINICAL SERVICES	47	PROVINCIAL FACULTY & MEMBERS
16	Mental Health & Addiction Services		
17	Patient Services		
18	Community Patient Care		

ABOUT US

Department of Psychiatry

PURPOSE

The department of psychiatry is a unified organization with a membership that includes medical staff of the Saskatoon Health Authority, as well as faculty based out of the University of Saskatchewan and surrounding community. Members work collaboratively under leadership of a provincial head, are dedicated to excellence in service, education, and research, and strive to support and enhance academic activities and patient care through affiliated clinical programs and partnerships in the field of mental health and addiction services in the province of Saskatchewan. These partnerships include a provincial mandate for academic programs undertaken around the province.

VALUES

1. Collegiality & Collaboration
2. Integrity
3. Competency
4. Respect
5. Accountability

MISSION

To enhance the well-being of persons with psychiatric disorders, now and in the future, through integration of scholarly activities, research, teaching, and optimal clinical care.

CONTACT

Department of Psychiatry, Ellis Hall, 103 Hospital Drive, Saskatoon, SK S7N 0W8
medicine.usask.ca/psychiatry • psychiatry.communications@usask.ca

PROVINCIAL HEAD

Message

It is my pleasure to present the 2017-18 Annual Report of the Department of Psychiatry which is a provincial department in the College of Medicine and the Saskatchewan Health Authority. The transition from a unified department of the Saskatoon Health Region to a provincial department occurred on December 4th, 2017 with the creation of the new provincial authority and elimination of health regions. This report outlines the developing structure of the provincial department, and celebrates provincial academic achievements and clinical service over the last year in the Saskatoon area.

The transformation to a single provincial health authority has brought, and continues to bring, changes to the structure and governance of the health system. A key goal of the restructuring is to establish physicians as leaders in the healthcare system.

Psychiatry has taken the lead to coalesce as a provincial department to understand and focus on provincial academic, clinical standards and resource requirements. This also extends to educational developments and continued pursuit of training and retention of our graduates to meet critical needs within the province.

As Provincial Head, Dr. Marilyn Baetz oversees academic and clinical activity in the Department of Psychiatry under the University of Saskatchewan umbrella, as well as strategic initiatives within the Saskatchewan Health Authority, in a multi-faceted collaborative partnership that reaches across the province.



Dr. M. Baetz
Professor & Provincial Head

Research growth continues as we see the development of new research groups and collaborations. Education programming at UGME, PGME and CME is well established, fully accredited and undergoes continuous quality improvement.

The challenge ever before us is to continue our pursuit of excellence in all domains of our mission, enhance our collaborations, maximize the opportunities that exist within a provincial department and creatively address our challenges. I think you will see from our review of the last year that we are successfully moving in those directions.

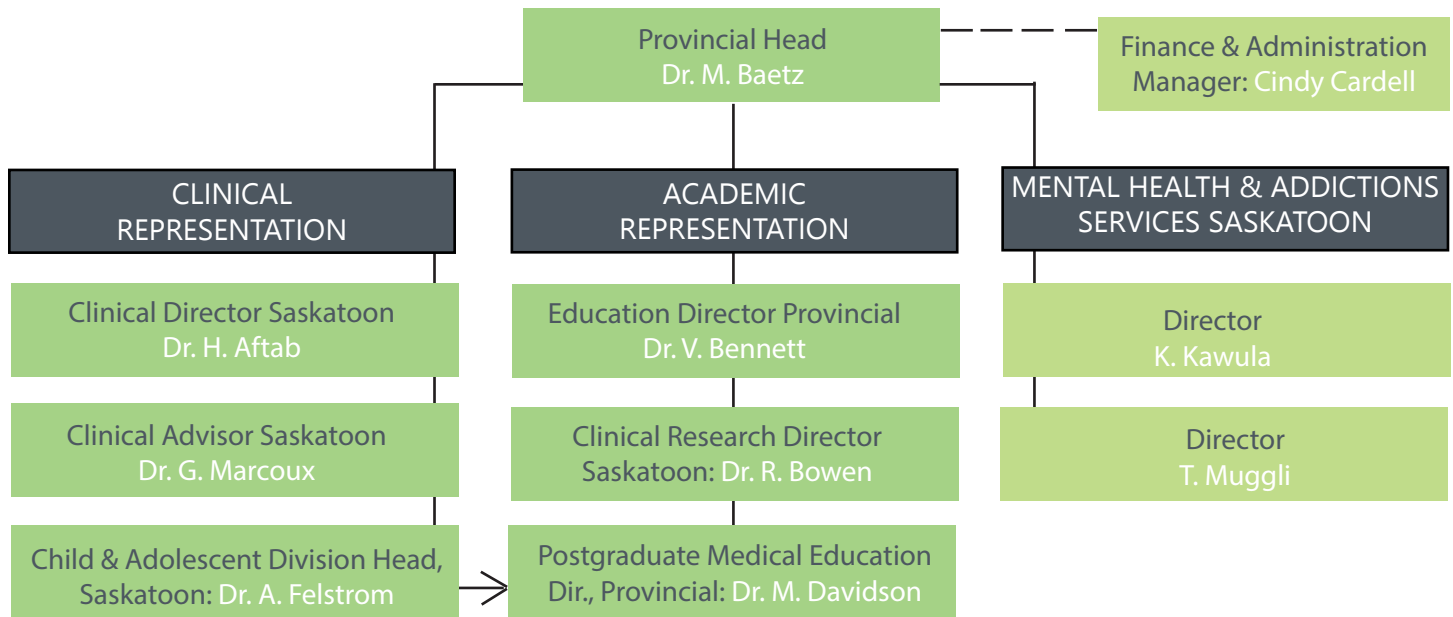
Thank you to all the leaders in the department — locally and across the province — and thank you to all those who do the work on the ground to make psychiatric education, research and clinical service high quality, and our department a proud place in which to be a member.

M. Baetz



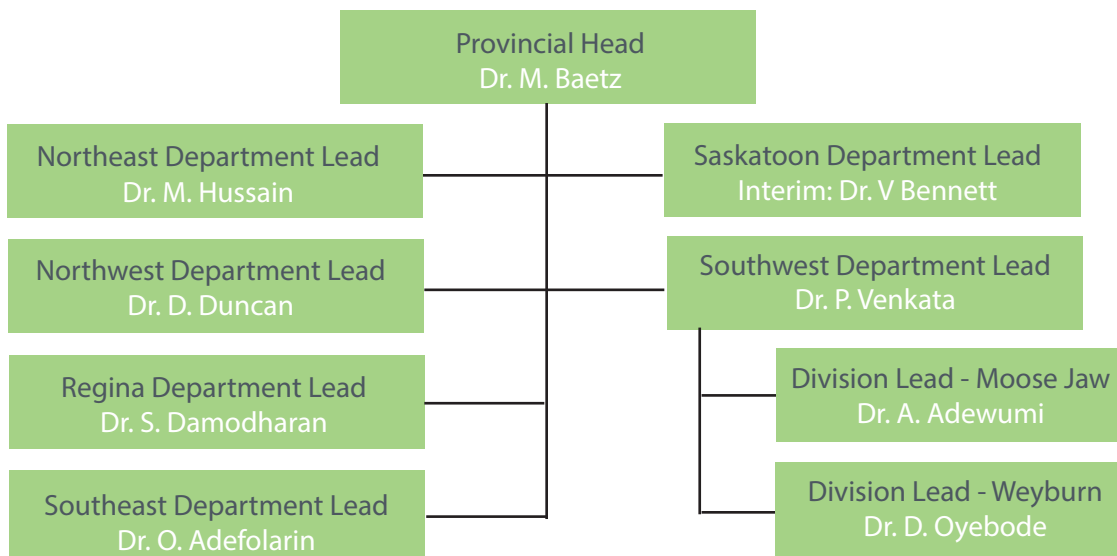
SASKATOON EXECUTIVE COMMITTEE

DEPARTMENT OF PSYCHIATRY



SASKATCHEWAN HEALTH AUTHORITY

The Saskatchewan Health Authority (SHA) is divided throughout the province by area, each of which has a psychiatry Department Lead that works locally alongside the Area Chief(s) of Staff. Executive Directors are appointed by the SHA to oversee the area's general operations. Dr. Baetz, Provincial Head, oversees the collaboration of Psychiatry Department Leads province-wide.



DEPARTMENT OF PSYCHIATRY — PROVINCIAL ROLE

As defined by the bylaws of the Saskatchewan Health Authority, the purpose of the Provincial Department of Psychiatry is to:

- 1) Support the delivery of high quality and safe patient care and clinical services within the province
- 2) Provide oversight to the Practitioner Staff and advice to the SHA
- 3) Improve provincial quality
- 4) Optimize practitioner resources
- 5) Contribute to strategic planning and implementation
- 6) Contribute to the optimization of the design and delivery of the undergraduate and postgraduate medical education, in collaboration with College of Medicine (CoM)
- 7) Department meetings with all Area Leads — minimum four times per year
- 8) Integrated academic clinical service delivery

The inaugural provincial department meeting was held on April 20, 2018 in Regina.

SASKATCHEWAN HEALTH AUTHORITY

PROVINCIAL PRACTITIONER ADVISORY COMMITTEE

The purpose of the PPAC is to assist the Chief Medical Officer with the effective organization, management and functioning of the practitioner staff. The committee will provide advice with a view to integrating and coordinating activities in a consistent manner throughout the province — clinical organization, quality, effectiveness making recommendations regarding province-wide innovations, research, quality assurance, quality improvement, appropriateness of care, standardization of care, and distributed practitioner education.

PROVINCIAL PRACTITIONER ADVISORY COMMITTEE (PPAC) COMPOSITION

Chief Medical Office (CMO), Deputy Chief Medical Officer (DCMO), Senior Chief Medical Health Officer, SMA representative, provincial department heads, Area Chief of Staff (ACOS), Dean's designate, and two patient family advisors and non-voting members are the physician executives of Northern Health, Rural Health, Urban Health, and provincial programs.

SHA AREA APPOINTMENTS

SOUTHWEST

DEPARTMENT LEADS

Dr. P. Venkata (Swift Current)

DIVISION LEADS

Dr. A. Adewumi (Moose Jaw)

Dr. D. Oyeboode (Weyburn)

EXECUTIVE DIRECTORS

Mr. B. Martin

Ms. J. Munro

AREA CHIEFS OF STAFF

Dr. I. Radevski (Family/ER Physician)

Dr. Hein de Klerk (Family Physician)

SOUTHEAST

DEPARTMENT LEAD (Interim)

Dr. O. Adefolarin (Yorkton)

AREA CHIEFS OF STAFF

Dr. A. Ogunbiyi (Psychiatrist)

Dr. P. J. Vertue (ER Physician)

Dr. M. Onaolapo (Anaesthetist)

EXECUTIVE DIRECTORS

Ms. J. Holzman

Ms. M. Petrychyn

NORTHEAST

DEPARTMENT LEAD (Interim)

Dr. M. Hussain (Prince Albert)

AREA CHIEFS OF STAFF

Dr. R. Friesen (General Surgeon)

Dr. J. Wingate (Family Physician)

EXECUTIVE DIRECTORS

Mr. B. Enns

Ms. P. McKay

NORTHWEST

DEPARTMENT LEAD (Interim)

Dr. D. Duncan (North Battleford)

AREA CHIEFS OF STAFF

Dr. M. Gieni (General Surgeon)

Dr. L. Williams (Family Physician)

EXECUTIVE DIRECTORS

Mr. R. Petit

Ms. V. Smart

REGINA

DEPARTMENT LEAD (Interim)

Dr. S. Damodharan

AREA CHIEF OF STAFF

Dr. J. Soper (Pediatrics)

EXECUTIVE DIRECTOR

Ms. C. Quinlan

SASKATOON

DEPARTMENT LEAD

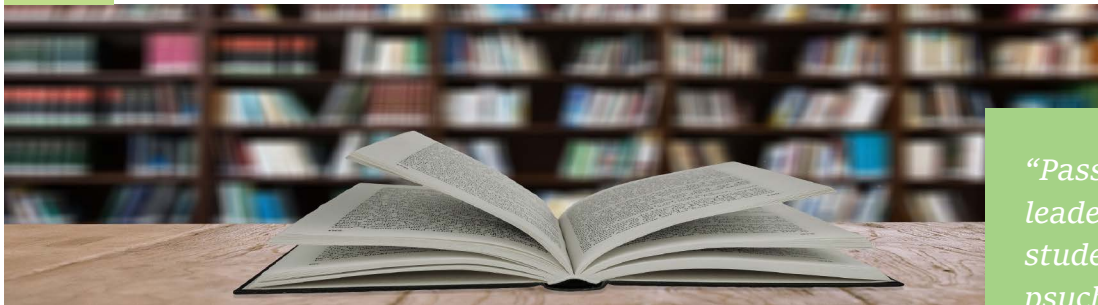
TBD

AREA CHIEF OF STAFF

TBD

EXECUTIVE DIRECTOR

Ms. C. Quinlan



“Passionate and dedicated leadership fosters interest amongst students to meet the future of psychiatry resource needs in the province of Saskatchewan.”

EDUCATION In Action

The Department of Psychiatry provides education programs in the Undergraduate Medical Education (UGME) curriculum, Postgraduate Medical Education (PGME), Continuing Medical Education (CME), and faculty teaching development opportunities.

TEACHING

With more than 70 faculty and residents involved in teaching undergraduates across three sites (Saskatoon, Regina and a smaller complement in Prince Albert), the department commits to more than 750 hours of teaching during year two of the pre-clerkship phase that involves large classroom teaching and small group direct interviewing skill development. The clerkship rotation engages students with inpatient, outpatient, child and youth, and emergency psychiatry. We are proud of our undergraduate training and continually receive positive student evaluations.

LEADERSHIP

The Royal College residency training program is under the direction of Dr. Davidson (Saskatoon), and Regina site director Dr. Reddi. The provincial clerkship director is Dr. Baillod (Saskatoon), with Dr. Chen as Regina lead, and Dr. Cooper as Prince Albert lead. CME is under the steady directorship of Dr. Lau, and our family medicine resident rotations are facilitated by Dr. De Souza.

The department provides opportunities for faculty teaching development by encouraging participation in local programs offered through the College of Medicine (CoM) faculty development office as well as mini-workshops on exam question preparation, guidance on large group teaching strategies, and standardized approaches to small group clinical skill teaching.

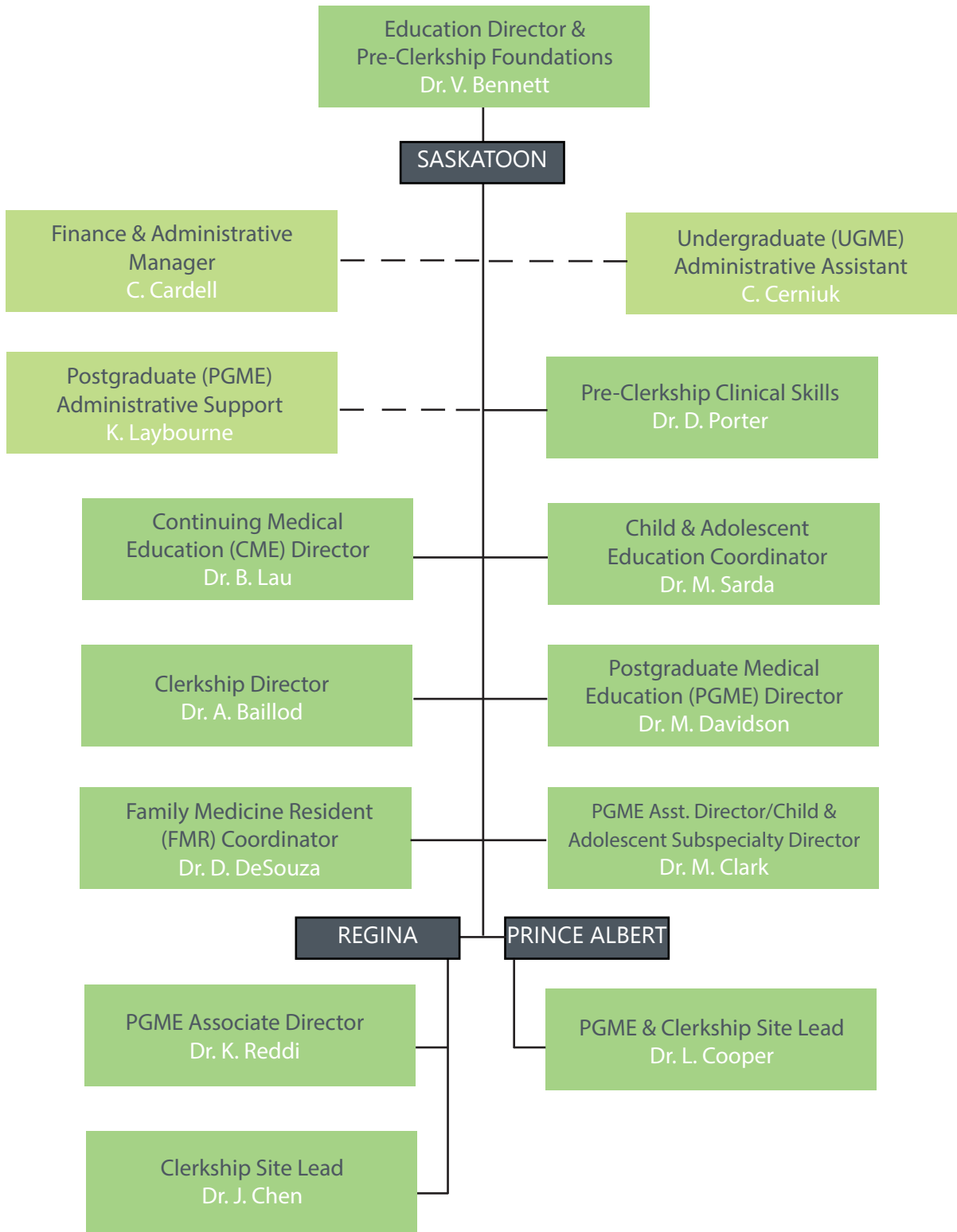
DEVELOPMENTS

This year, Dr. Porter assumed directorship of the Pre-Clerkship Clinical Skills module and created a video of a model interview for the students to view to better prepare for patient interviewing. Dr. Sarda, who provides a key role and support to Dr. Bennett in directing the Foundations module, developed an innovative approach to teaching the medical implications of marijuana legalization through a critical appraisal and patient education exercise. Dr. Riou, PGY4, leads a stigma awareness curriculum beginning in first year and continuing with a “stigma reflection” essay exercise in year two during Foundations.

The Department of Psychiatry education programs can only be delivered through the competent and often the patient understanding of administrative personnel. The department extends sincerest gratitude to all of the support staff at each site who effectively coordinate and administer the education programs.

*-Education Director
Dr. V. Bennett*

EDUCATION COMMITTEE



UNDERGRADUATE MEDICAL EDUCATION

It has been an exciting year in undergraduate medical education. After all of the hard work that was put into accreditation, we were thrilled (and relieved) by the news that the College of Medicine had received full accreditation for the undergraduate program. Although the pressure is now reduced, it is important we continue working to ensure we provide a high-quality learning experience for students.

We recently received the results of the 2018 MCCQE. This year, U of S students had a 98% pass rate with scores above the national average! This exam has been a thorn in the side of the university for many years, so these results are very encouraging. We hope that these results will be replicated in the future.

In recent years we have had an increasing number of clerks requesting to do electives in our department. This is very encouraging as it indicates more medical students are considering pursuing a career in psychiatry. I would like to extend my appreciation to the members of the department for graciously accommodating these elective requests. Please continue to do so in the future!

-Clerkship Director
Dr. A. Baillod

SUMMER STUDENTS & SUPERVISING FACULTY

Each year the department hosts medical students involved in Dean's Summer Projects, and students from other fields of study, who join our faculty for a variety of research projects.

INSIGHT

DEPARTMENT OF PSYCHIATRY NEWSLETTER

The Department of Psychiatry, Saskatoon, releases an internal bi-monthly newsletter to keep faculty, residents and partners up-to-date on research, awards, and other relevant department news.



POSTGRADUATE MEDICAL EDUCATION

The Psychiatry Residency Training Program at the University of Saskatchewan is distributed across two sites on the Saskatoon and Regina campuses. This past year, there were 22 residents in Saskatoon and 11 residents in Regina.

RESIDENT PROGRAM INNOVATIONS

Over the past year, faculty, residents and staff at both the Regina and Saskatoon sites have continued to participate in curriculum renewal. This academic year we piloted our new PGY2 psychopharmacology curriculum. Dr. M. Sarda, child psychiatry, has piloted a child psychiatry field note for assessing residents on their core child and adolescent psychiatry rotation.

RESIDENT MEDICAL EDUCATION SCHOLARSHIP

Dr. K. Riou was awarded the Medicine and Society UGME Curriculum Committee grant to support her medical education scholarly project on stigma in mental health.

Drs. K. Riou (Saskatoon), and **N. Patel** (Regina) were awarded the Department of Psychiatry Resident Teaching Awards for their outstanding contribution to medical education and excellence in teaching.

RESIDENT RESEARCH

The residents have been active in research over the past year under the guidance of Dr. R. Bowen and with support from I. Szelest and E. Karreman. A number of residents presented posters at the Saskatchewan Psychiatric Association Scientific Conference and Annual Meeting, with **Dr. A. Mitchell** receiving first place and **Dr. N. Selvendrarajah** receiving second place.

Drs. K. Bactor, E. Peters and **J. Pylypow** were awarded the College of Medicine Vice-Dean Research Prize for Resident Research in Psychiatry.

-Postgrad (PGME) Director
Dr. M. Davidson

-Postgrad (PGME) Assistant Director
Dr. M. Clark

-Postgrad (PGME) Associate Director
Dr. K. Reddi



RESIDENT JOURNAL CLUB

Saskatoon

Jul. 28/17

Dr. D. Chong

Effect of adjunctive raloxifene therapy on severity of refractory schizophrenia in women in a randomized clinical trial

Aug. 25/17

Dr. A. Robson-MacKay

The unified protocol for transdiagnostic treatment of emotional disorders compared with diagnosis-specific protocols for anxiety disorders

Sept. 22/17

Dr. J. Frost

Gaze-contingent music reward therapy for social anxiety disorder: a randomized controlled trial

Oct. 27/17

Dr. N. Garrett

Psychobiological response to pain in female adolescents with nonsuicidal self-injury

Nov. 24/17

Dr. A. Tancred

Better than sleep: theta neurofeedback training accelerates memory consolidation

Dec. 22/17

Dr. A. Gandham

Cannabis use and hypomania in young people: a prospective analysis

Jan. 26/18

Dr. C. Sutherland

Methylphenidate for apathy in community dwelling older veterans with mild alzheimer's disease: a double-blind, randomized, placebo-controlled trial

Feb. 23/18

Dr. N. Gattley

Variables associated with the subjective experience of coercive measures in psychiatric inpatients: a systematic review

Apr. 27/18

Dr. E. Peters

The clinical effectiveness and cost effectiveness of lamotrigine in borderline personality disorder: a randomized placebo-controlled trial

The cultivation of a monthly ‘meeting of minds’ in which faculty, residents and medical students come together to practice critical appraisal skills and discuss the clinical relevance of medical literature.

Regina

Sept. 26/17

Dr. S. Sahlu

The management of depression during pregnancy: a report from the American Psychiatric Association and the American College of Obstetricians & Gynecologists

Oct. 24/17

Dr. N. Patel

Quetiapine v. lithium in the amaintenance phase following a first episode of mania: randomized controlled trial

Nov. 28/17

Dr. M. Gandhi

Staff experiences and perceptions of working with inpatients who are suicidal: qualitative analysis

Jan. 09/18

Dr. N. Selvendrarajah

Clozapine response rates among people with treatment-resistant schizophrenia: data from a systematic review and meta-analysis

Feb. 13/18

Dr. A. Sahanan

Collaborative care for psychiatric disorders in older adults: a systemic review

Mar. 13/18

Dr. F. Peluola

Comparative efficacy and acceptability of 21 antidepressant drugs for the acute treatment of adults with major depressive disorder: a systematic review and network meta-analysis

Apr. 10/18

Dr. A. Atigari

Risk assessment and “On Call” (what we need to know)

May 08/18

Dr. J. Waterhouse

Trial of prazosin for post-traumatic stress disorder in military veterans

Jun. 19/18

Dr. L. Manikkam

Informal session and guidance for psychiatric history taking, formulation and presentation

FAMILY MEDICINE & Off-Service Residents

Family Medicine Residents (FMRs) who complete a two year residency program, are assigned a four-week rotation in psychiatry in their first year of residency. In this rotation they are expected to do outpatient clinics in Adult, Geriatric, Child and Youth, and Maternal Mental Health clinics. This is designed to allow them as much of a broad exposure to psychiatry as possible in the limited time they are scheduled to be with us. In addition, they take part in both the crisis call and night/weekend call and the regular departmental learning activities such as resident teaching rounds and departmental rounds.

Our administrative assistant for the education program, Joanie, is currently on leave and Kim has been actively learning the complex scheduling requirements of the rotation and working diligently on managing some recent changes. Unfortunately, due to different circumstances, this year some teaching faculty had to temporarily step back from teaching, leading to some challenges with scheduling. However, following the difficulty in coming up with a full schedule, other faculty have agreed to help out with teaching, allowing the residents to have a seamless learning experience as per their rotation requirements.

We greatly appreciate and value the dedicated and enthusiastic teaching faculty, psychiatry residents and support staff who are always willing to accommodate the family medicine residents learning needs and complex schedule with us.

We have had another year of positive verbal and written feedback from the FMRs, who greatly appreciate the teaching they receive, and we look forward to working with them this year.

-Family Medicine Resident Coordinator
Dr. D. DeSouza

Family Medicine Resident

C. Buffet
B. Canaday
AJ Donauer
N. Dubois

S. Hounjet
L. Karnes
T. Lange
L. Okunola

M. Pearce
C. Roh
C. Secord
K. Strangway

CONTINUING MEDICAL EDUCATION

CME HOSTS TWO ROUNDS EACH MONTH,
AVAILABLE REMOTELY BY TELEHEALTH AND
WEBEX.

Geriatric psychiatrists led participation in 2017-18: Dr. Thorpe kicked off with an audit of the first year of MAiD in Saskatchewan. She later collaborated with Dr. Baillo in a Section 3-accredited workshop on capacity assessment. Dr. Prasad emphasized compassion in care. Indigenous health was the focus of two presentations: one by Matthew Josdal and Dr. Tait on cultural safety, and the other by the Children's Advocate, Corey O'Soup, on youth suicides in northern Saskatchewan. While Dr. Adams presented on attachment insecurity and suicidality, Dr. Balbuena, Dr. Marcoux, and Doug Harder highlighted the challenges of suicide research. On the neuroscience front, Dr. Walz disentangled the role of perineuronal nets in psychiatric conditions and Dr. Zhang discussed the basis of low-field magnetic stimulation in the treatment

of depression. Dr. Coovadia shared cases of complex partial seizures with psychiatric overtone. Drs. Bodani and Okunola illuminated the various aspects of light in promoting and ameliorating mood symptoms. Hua Li, PhD candidate with Dr. A Bowen, presented on peripartum mood lability. Dr. Pierce, alumnus of the class of '68, presented the clinician approach to persons with addictions, and Dr. Onaemo, postdoctoral fellow with Dr. D'Arcy, provided a meta-analysis of addictions comorbid with depression and anxiety. This fifth year of the Debate Series saw consultants and residents duel over the necessity of therapist self-disclosure (Drs. Dungavell, Edwards, Hinz, and Riou) and the impact of the media (Drs. Aftab, Gandham, Mela, and Tancred).

-Continuing Medical Education (CME) Director
Dr. B. Lau



Dr. M. Mela presents his case at the debate on June 1, 2018

PSYCHIATRY ROUNDS

Saskatoon

Sept. 01/17

Drs. R. Weiler &
L. Thorpe

Medical assistance in dying:
multi-source audit of the first year

Oct. 06/17

Dr. W. Walz

Perinatal nets, synaptic
dysfunction and psychiatric
illness

Oct. 20/17

Dr. M. Coovadia

Clinical aspects of complex partial
seizures (CPS)

Nov. 03/17

Dr. V. Onaemo

A systemic review and meta-
analyses of comorbid substance
use disorders, cannabis use
disorders, major depression and
generalized anxiety in nationally
representative samples

Nov. 17/17

H. Li, and Drs. A. Bowen,
R. Bowen & L. Balbuena

Understanding mood stability in
pregnant and postpartum
women

Dec. 01/17

Dr. A. Porter

Illustrating rTMS: a case series

Dec. 15/17

Drs. R. Bodani &
B. Okunola

Persecuted by the light?

Jan. 05/18

D. Harder, Dr. G. Marcoux, Dr.
L. Balbuena, L. Letwiniuk
& Dr. K Boctor

Suicides in Saskatoon 2012 to
2016

Feb. 02/18

Dr. Y. Zhang

Low-field magnetic stimulation
(LFMS) as a new treatment for
major depression: transition from
basic science to clinical study

Mar. 02/18

Dr. G. C. Adams

The story of attachment: how
attachment insecurity impacts
mental health, treatment
utilization and suicidal risk

Mar. 16/18

Dr. R. Prasad

Compassion in care for
individuals with severe and
persistent mental illness

Apr. 06/18

M. Josdal & Dr. C. Tait

Cultural safety and trauma
informed care: scoping review

Apr. 20/18 — Debate

Drs. T. Hinz, S. Dungavell,
K. Edwards & Dr. K. Riou

How far is too far?: a debate on
therapist self-disclosure

Jun. 01/18 — Debate

Drs. H. Aftab, A. Gandham,
M. Mela & A. Tancred

This house believes the various
platforms for media have a
negative impact on the health
and well-being of those living
with mental disorder

Jun. 15/18

C. O'Soup

Shhh...LISTEN!! We have
something to say: youth voices
from the north

PSYCHIATRY ROUNDS

Regina

Sept. 12/17

Drs. N. Selvendrarajah &
S. Damodharan

Ketamine infusion for suicidality

Oct. 10/17

Dr. N. Patel

Schizophrenia guidelines 2017,
pharmacotherapy and clinical
high risk population update

Nov. 14/17

Dr. V. Pillay

Semiology of seizures

Dec. 12/17

Dr. F. Peluola

Cognitive remediation

Jan. 23/18

Dr. T. Uppal

Occupational limitations due to
mental disorders

Feb. 27/18

Dr. K. Boctor

Panel discussion on acute ER and
outpatient detox management of
crystal meth/amphetamine
intoxication/withdrawal

Mar. 27/18

Dr. S. Sahl

CANMAT and ISBD 2018
guidelines for the management
of patients with bipolar disorder

Apr. 24/18

Dr. J. Waterhouse

Maternal health panel question
and answer

May. 22/18

Dr. C. MacCauley

Cannabis in psychiatry

Jun. 26/18

Dr. A. Sahanan

Depression and its association
with dementia



The scope of the rounds respect the diverse background of the audience. Thought-provoking research rounds ground our understanding and provide windows into future directions, while others with stronger clinical focus provide practical and fresh perspectives on the therapeutics. The debate series stimulate lively conversations on timely and controversial topics, encourage critical evaluation of opinions and evidence, and promote understanding and appreciation for different perspectives.

Psychiatric clinical services span the continuum of care from community to acute care and back. The department provides clinical care to all ages, from child & adolescent to adults and geriatric. Forensic psychiatry is a specialized service that spans various ages and locations, whether community or forensic settings. The clinical services are in partnership with Mental Health & Addiction Services.

Partnership with

MENTAL HEALTH & ADDICTION SERVICES

Mental Health & Addiction Services (MHAS) is a partner with the Saskatchewan Health Authority. MHAS works in close collaboration with the Department of Psychiatry on a daily basis. This year, MHAS worked with psychiatrists on many quality improvement initiatives throughout the department. MHAS is also a partner in several research initiatives led by the Department of Psychiatry faculty.

Evidence-informed care has been a focus this year, as well as the management of high acuity and addressing the pressures of increased demand. New budget investments in areas such as Child & Youth will help us to ensure every child who needs help will receive it. A special thanks to many of the psychiatrists, researchers and Provincial Head, Dr Baetz, for working so closely with us to plan the best possible care delivery system for our clients and patients.

New initiatives this year included: opening of the Mental Health Assessment Unit; Crystal Meth Provincial Working Group; three additional PCOMS Certified Trainers — Crystal Petryk, Shawna Materi, Leah Tetreault; expansion of Services to Refugees; Day Hospital Program; expansion of Family Program (Dubé); Rapid Assessment Clinic; Naloxone expansion; implementation of Patient First Management System (PFMS); and completion of Leadership in Lean Training (LILT).

-MHAS Director
Tracy Muggli

-MHAS Director
Karyn Kawula

PATIENT SERVICES

CRISIS AND 24HR EMERGENCY

- There were a total of 9,174 mental health visits to all three hospital sites in 2017-18. 24% of these were referred for a psychiatry evaluation (2,167 patients) — a decrease of 13% consults from last year even though our total mental health visits were up by 8%. This was in large part due to the establishment of the new Rapid Access Clinic which helped to quickly deal with urgent but not emergent patients attending the ER.
- 35% register during the day, 43% in the evening and 22% after midnight — this is consistent with previous years.
- Age breakdown includes: 15% pediatric (17 and under) up by 3%, 79% adults (18-64), and 6% seniors (65+).
- 20% of all mental health visits require an admission, which is approximately 60% of those seen by psychiatry.
- The average wait time for an inpatient bed is 18 hours with the 90 percentile at 45 hours. These wait times have increased significantly and are a factor for overcrowding in ER — we hope to see some relief with the new Mental Health Addictions Unit.

DUBÉ INPATIENT UNIT

- There are 54 bed for adults and 10 beds for children.
- There were 908 adult admissions with Thursday and Friday being the busiest.
- There were 978 adult discharges with Monday and Friday being the busiest.
- There were 267 child admissions with Tuesday being the busiest.
- There were 292 child discharges with Friday being the busiest.
- 81% of adult patients and 72% of child patients live in Saskatoon, and 19% and 18% respectively are rural based.

RAPID ACCESS CLINIC

- The Rapid Access Clinic for patients referred from the emergency room was expanded in the fall of 2017. This service was provided by Drs. C. Chicoine, A. Masood, M. Rahmani, and most recently by R. Lodhi, and is a support to the Mental Health Transition team.
- This service runs around 60 referrals per month with 57% from ER physicians and 43% from psychiatry.

COMMUNITY PATIENT CARE

MATERNAL MENTAL HEALTH

Drs. Huma Aftab and Marilyn Baetz provide antenatal/postpartum consultation and care to women with perinatal psychiatric concerns.

SEVERE AND PERSISTENT MENTAL ILLNESS

Drs. Gene Marcoux and Kevin Kok provide services to individuals with severe and persistent mental illness through the Mental Health Clinic at Queen Street and Duchess Street.

EARLY INTERVENTION IN PSYCHOSIS

Drs. Steve Adams, Malin Clark and Tamara Hinz provide team-based care to individuals in the early stages of severe psychotic illness.

STUDENT HEALTH CLINIC

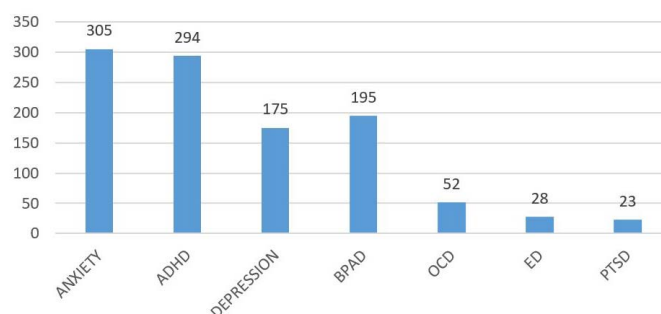
For another year, we have been fortunate enough to have with us Drs. A. Holt, H. Lowry, S. Dungavell and Y. Zhang. Together this year (August 2017-August 2018) they completed 1,036 appointments, with 350 unique clients. Top diagnoses include anxiety, ADHD, depression and BPAD.

Our wait times remain a challenge, with an average of 255 days for non-emergent referrals. We have instituted a collaborative care team approach, which consists of weekly consultations between a psychiatrist and our GPs, and anecdotally, we have seen a small decrease in our wait time and inappropriate referrals. Quantifying this work is a goal for the next year.

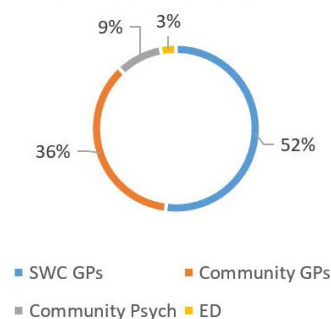
Our sources of referral are essentially half internal, half external. We rely on our psychiatrists to triage all the referrals. This year we hired a full-time mental health nurse in partnership with the SHA. This nurse assists with patients and in our efforts to reduce wait times, and coordinates collaborative care team meetings. This will soon be a permanent position.

With our growing demand for mental health services, the psychiatrists provide our team with essential support, and often lifesaving interventions for students at risk.

Top Appointment Diagnoses 2017-2018



Sources of Referral



-Manager, Student Wellness Centre
Jocelyn Orb

NORTHERN MEDICAL SERVICES PSYCHIATRY CLINICS

Dr. S. Dungavell provides fly-in and remote psychiatric services to three communities in Northern Saskatchewan — La Loche, La Ronge and Stony Rapids. Child psychiatry services for La Ronge are provided by Drs. M. Denis and D. Quinn.

COMMUNITY OUTPATIENT CLINICS

Thirty psychiatrists provide full or part-time outpatient psychiatric care with a combination of general and subspecialized care in the following areas: general adult, anxiety & mood disorders, neuropsychiatry, neurostimulation, psychotherapy, adult ADHD, forensic, LGBT focused, sexual medicine, sleep disorders, and addictions.

QUALITY IMPROVEMENT INITIATIVES

We have taken significant quality improvement initiative to improve patient experience and flow:

HANDOVER

A common call-in time was devoted for handover of patients in ER & Acute Care to ensure continuity of care.

RAPID ACCESS CLINIC

Focus is on increasing quick access capacity, diverting from ER consultation or admissions and decreasing ER revisits.

POOLED WAITLIST

Both Child & Adolescent and Adult divisions are exploring waitlist solutions with the Ministry of Health Strategic Priorities Branch.

STANDARDIZED MANAGEMENT OF AGGRESSION PROTOCOL

Working with ER colleagues and inpatient interdepartmental care for evidence based and consistent approaches for pharmacologic margins of aggression.

CHILD WAITTIMES & TRIAGE NURSE

The Child & Adolescent division has adopted a pilot project to measure the benefit of using a triage nurse to help with long wait times.

QI ACUTE CARE COMMITTEE

Development of an interdisciplinary committee to work on patient flow, quality and safety.

CHILD PSYCHIATRY DIVISION

Child psychiatry has had an active year with many transitions. We were sad to say good-bye to Dr. A. Villagomez in the fall, who has returned to Texas to be closer to family. We have also said farewell to Dr. E. Cherland, who retired in June after a highly productive 30-year career with the U of S. Our year-long, world-wide recruitment effort has been a success, and Dr. M. Nsirim will be joining us from Ireland this November.

CLINICAL SERVICES

We are pleased with the development of the Provincial Health Authority over the last year. We hope this affords us the opportunity to liaise with other larger centres to develop a more cohesive plan for provincial child psychiatry services. In Saskatoon, we are working towards building team-based care for our on-call, inpatient and outpatient services, and continue to partner with Northern Medical Services to further develop child psychiatry services in La Ronge.

Our outpatient waitlist continues to be of great concern to us, as patients wait up to two years for a non-urgent consult. In the first half of 2018 we had two wonderful additions to our team to help with wait times — Dr. R. Kozakavich, a family physician in Saskatoon, retired from general practice, and now works part-time in our office seeing routine ADHD consults, and Amy Glass, registered nurse, joined our team as a triage nurse, and has been highly effective in helping to reduce our waitlist. We are working closely with the SHA and the Provincial Government to create more strategies to reduce our wait list.

EDUCATION

We continue to be highly involved in teaching at every level within the medical school, from Med-1 through to subspecialty trainees. In 2017 we invited two residents into our subspecialty training program — Dr. N. Garrett started with us in July 2018, and Dr. J. Frost will start in the fall of 2018. As we expand our program, we hope to develop subspecialty training opportunities with our colleagues in Regina. We are working with the U of S CME branch, and the Sask. Government to bring a child psychiatry education program, namely Can-REACH, to our province.

RESEARCH

We have several projects underway, related to the WHO-DAS rating scale, mood lability in ADHD, and inpatient service delivery. Our senior subspecialty resident, Dr. J. Pylypow, received a grant for a study with Dr. D. Quinn, correlating adolescent self-reported irritability with parental observation and DSM-V Diagnosis. Dr. Pylypow presented in Germany and Quebec City in the fall of 2017.

We prize our department's number one value — collegiality — and are deeply thankful for the supportive working relationships that exist within our division as we serve our patients and families.

-Child & Adolescent Psychiatry Division Head
Dr. A. Felstrom

FORENSIC PSYCHIATRY DIVISION

It is my privilege to report on another successful year as head of the Forensic Division. Our division includes several psychiatrists and psychologists, a law professor and a professor in Indigenous studies. The Forensic Division is actively involved in training psychiatry residents and teaching undergraduate medical students at the U of S. Several members of our division have on-going collaborations with the Centre of Forensic Behavioral Science and Justice Studies and the Faculty of Law. Professor Glen Luther and Dr. M. Mela (members of the division) teach law and psychiatry seminars to both law students and psychiatry residents.

Our division is an important part of Saskatchewan Forensic Mental Health System which provides both inpatient and outpatient services. The division promotes clinical care, education and advocacy in mental health and has the following major sites: Dubé Centre-RUH, Regional Psychiatric Centre, Saskatchewan Hospital in North Battleford, Saskatchewan Review Board, provincial correctional facilities and forensic outpatient clinics/programs.

We currently offer training as one of seven Royal College accredited subspecialty residency programs in forensic psychiatry. We are ready and optimistic about activating the program this year.

RESEARCH

There are currently several studies underway in the Department of Psychiatry, Forensic Division, which can be viewed in further detail in the Research section of this report.

Dr. Mela, with his research team and collaborators, has done extensive work in the area of FASD, with the following projects: Correctional Services of Canada Regional Psychiatric Centre FASD pilot project: establishment of an unprecedented FASD screening and diagnostic clinic; FASD and Psychotropic Medications Algorithm: development of a psychotropic medication algorithm to guide prescribers when caring for patients with FASD; Systematic Review on best practices for FASD-informed care in mental health and addictions; Clinical recommendations survey for a clinical pathways for adults with FASD & mental health/addictions; Utilizing CanFASD data form to investigate the relationships between FASD, mental disorder and utilization of psychotropic medications; Systematic review of the role of medications in FASD; Offenders with mental disorder in an outpatient psychiatry setting: an investigation of neurocognition and FASD; The impact of forgiveness training on internal offending and recidivism; and, The impact on childhood trauma on offending and recidivism.

In addition, Dr. Adelugba has studied psychotropic medication prescription patterns in three hospitals (Dubé, RPC, Saskatchewan Hospital).

-Forensic Division Head
Dr. A. Baziany

GERIATRIC PROGRAM

CLINICAL SERVICES

We now have five geriatric psychiatrists within the Department of Psychiatry. As a group we provide inpatient and outpatient care, services to long-term care, consultation-liaison services, and services for seniors in their homes. Geriatric Psychiatry interfaces with Mental Health and Addictions Services (MHAS) Seniors Program, and Seniors Health and Continuing Care (SHCC) Behavior Support Team to form the Seniors' Mental Health Team, which provides consultation to nursing homes. Geriatric Psychiatry services are also provided to the Northern Specialty Dementia Program, Dementia Behavior Assessment Team and a five-bed unit located at Parkridge Centre. The unit provides comprehensive, short-term assessment for individuals with dementia and related high-risk needs. Outreach support will be provided by the resource team to assist care providers, families and other support persons in meeting the care and safety needs of clients in their home community. Through collaboration with MHAS two groups are facilitated: Enhanced Cognitive Behavioral Therapy for Seniors with Depression and Anxiety; and Anxiety Management.

EDUCATION

As a group we have continued to be active in teaching. Didactic sessions and clinical rotations were provided to undergraduate medical students, and family medicine residents. Four psychiatry residents completed their six-month core clinical geriatric psychiatry rotation this past year, and the geriatric psychiatrists collaborated to provide weekly tutorials on topics in geriatric psychiatry for the residents. The geriatric psychiatrists provide CME activities for health care professionals and caregivers who provide care for seniors with mental illness.

RESEARCH

We have continued to be active in research over the past year. Dr. Thorpe and colleagues worked with the Health Quality Council to explore the pattern of hip fractures in Saskatchewan long-term care facilities, with the goal of exploring potentially modifiable factors, such as use of psychotropic medications. Research has also been done in the areas of: end of life care, factors contributing to practitioner choice, Montessori based interventions, and epilepsy in elderly people. Publications related to this research, and more, can be found in the Research section of this report.

LOOKING AHEAD

We continue to experience an increased demand on our services, which has been a challenge for the team. At just 15% of national benchmarks for Geriatric Psychiatry resources, we struggle with limited resources. We will continue to advocate for increased recruitment of geriatric psychiatrists and increases in staffing for the outreach team with nurses and social work. As a team we will continue to work toward providing optimal services to the geriatric population.

-Geriatric Psychiatry Team

Drs. A. Baillod, M. Renuka-Prasad,
M. Davidson, R. Uku, L. Thorpe



INTER-DEPARTMENTAL AWARDS

PROVINCIAL HEAD AWARD — SASKATOON

This award recognizes excellence for leadership in academic psychiatry which ultimately lead to improvements in clinical psychiatric care. The recipient of this inaugural award was **Dr. E. Cherland** who has had a career of sustained leadership excellence in academics and clinical roles, including serving as Division Head of Child Psychiatry for 10 years. Dr. Cherland retired in June 2018.

FACULTY TEACHING AWARDS

Faculty Teaching Awards are presented annually to recognize outstanding contribution in psychiatric medicine. Saskatoon's award was presented to **Dr. M. Mela**, and Regina's award was presented to **Dr. J. Chen**.

RESIDENT TEACHING AWARDS

Resident Teaching Awards are presented annually to recognize outstanding contribution in psychiatric education. Saskatoon's award was presented to **Dr. K. Riou**, and Regina's award was presented to **Dr. N. Patel**.

EXTERNAL AWARDS

SHRF

Dr. L. Balbuena received the 2017-18 Sask. Health Research Foundation's Top Establishment Grant in Socio-Health Research.

SRMA

Dr. G. Marcoux received the 2017 Saskatchewan Regional Medical Association's Exceptional Service Award.



SPECIAL EVENTS & GUESTS

NEW MENTAL HEALTH ADDICTIONS UNIT

A new Mental Health Assessment Unit opened in RUH ER in April 2018. The new unit was realized through joint efforts between the Ministry of Health, the Royal University Hospital Foundation and the Dubé family. This project recognizes the need for private intake and assessment units within emergency for patients dealing with mental health related issues.

ANNUAL FAMILY BBQ

More than 90 psychiatrists, staff, residents, researchers, students and their families attended the 2018 Department BBQ on June 25, 2018. Interdepartmental awards were given out for: Provincial Head Award, two Faculty Teaching Awards, and two Resident Teaching Awards.

DEAN'S SUMMER STUDENT PRESENTATIONS

The Dean's Summer Student Program gives UGME students exposure to scientific research, which will assist them later in their careers. On July 21, 2017, students presented the culmination of their summer work to faculty and staff.

WOMEN OF INFLUENCE BREAKFAST

On November 2, 2017, members of the department attended the 15th annual Women of Influence Breakfast. Three women spoke about their leadership roles and achieving success in their respective fields.

A VISIT FROM CHINA

On May 30, 2018, the Department of Psychiatry welcomed a visit from a Chinese delegation led by Professor Yanqing Tang, Dean in the Department of Psychiatry at China Medical University. Enhancing research collaboration was the focus for the visit, which was initiated by Dr. Yanbo Zhang, who has established research collaborations with Dr. Tang.

SPECIAL LECTURE BY DR. ALEXANDRA KING

On March 7, 2018, Dr. Alexandra King of Nipissing First Nation in Ontario, and Cameco Chair in Indigenous Health gave a special presentation on Indigenous health research. A specialist in internal medicine focusing on HIV and hepatitis C, she also teaches Indigenous health and has mentored students at both the undergraduate and graduate levels, focusing on wellness intervention research with Indigenous people.

ANNUAL CHRISTMAS LUNCH

On December 19, 2017, the Department of Psychiatry held its annual Christmas party at the Dubé Centre with a traditional Christmas dinner and carolling presented by the "Singing Shrinks."

SPECIAL ROUNDS BY COREY O'SOUP

On June 15, 2018, Saskatchewan Children's Advocate, Corey O'Soup, gave a psychiatry rounds titled, "Shhh...LISTEN!! We have something to say: youth voices from the North." This lecture provided the perspective of youth voices in Northern Saskatchewan, and the contributing factors and the solutions for youth suicide, as well as the need for youth engagement and accessible mental health resources in Northern Saskatchewan.



RESEARCH

Research on mental health, with the ultimate goal to *provide optimal, evidence-based and patient-oriented care to people in need*, is an integral part of the scholarly activities in the Department of Psychiatry. Clinical, applied and basic research conducted by faculty, residents, students and staff in the department has thrived with progress in psychiatric genetics (Drs. D Mousseau and L Balbuena), behavioral sciences (Drs. C Adams, M Denis, R Bowen), neuroscience (Drs. D Mousseau, Y Zhang, M Mela), psychopharmacology (Drs. D Quinn, D Mousseau), pedagogy of psychiatry (Drs. M Davidson and V Bennett), innovative non-invasive therapeutic interventions (Dr. Y Zhang), and computational psychiatry and artificial intelligence (Dr. L Balbuena) having been well integrated into their multidisciplinary studies. The diversity of research in the department is demonstrated by successful and well-established research programs, from child psychiatry to adult and geriatric psychiatry, from addiction to forensic psychiatry, and from public health to Indigenous research (Dr. C Tait). Such unique research environment not only fosters collaboration within the department but also creates opportunities for interdisciplinary studies and collaborations. Research in the Department of Psychiatry has established and maintains numerous university-wide (e.g., Department of Anesthesiology, School of Public Health, College of Law), provincial (University of Regina), national and international collaborations.

In the 2017/18 academic year, the fruitful success of our research was acknowledged by 31 peer reviewed manuscripts and three book chapters/reports. Psychiatry research was also highlighted via 73 oral and/or poster presentations by faculty and their trainees at local, national, and international conferences. Our department currently has 82 active grants totalling more than \$16.5 million dollars, and our faculty had a very successful year in securing additional research funding, notably the Top Establishment Grant from Saskatchewan Health Research Foundation on “Neuroticism and mood instability as suicide prevention targets” (Dr. L Balbuena).

MENTORSHIP

Mentorship is considered a core part of the research agenda in the department. Forty-one trainees gained knowledge and research skills during 2017/2018 academic year. We are enthusiastic about our next generation of scientists and clinicians, as they have actively participated in research and also brought various innovative ideas to the department.

LOOKING AHEAD

This year, we welcome Dr. Rohit Lodhi whose research on “Treatment of weight gain and metabolic syndrome in psychotic patients on clozapine using psychostimulants” is highly expected to enrich our research profile.

The Department of Psychiatry is looking forward to implementing a strategic plan that will strengthen research profile of the department and further improve the impact of mental health research on optimal patient care.

-Research Facilitator
Dr. M. Alaverdashvili

RESEARCH GROUPS

ATTACHMENT RESEARCH LABORATORY

Dr. G. C. Adams

We have had a productive 2018 so far with three papers being accepted. Undergraduate medical student Galilee Thompson, who was a Dean's summer student with us in 2015, had her manuscript, "The roles of attachment and resilience in perceived stress in medical students," accepted by Canadian Medical Education Journal. Galilee led this project from the inception of the idea through to finishing her manuscript during a research elective at the end of 2017. We are also very happy to report that she matched at UBC Vancouver for her psychiatry residency.

Our article, "The relationship between adult attachment and mental health care utilization: a systematic review," was accepted by The Canadian Journal of Psychiatry in April. Dr. X. Meng at McGill University was a great collaborator on this paper. We look forward to working with her in the future. Finally, we had our paper, "Self-injurious behaviours and adult attachment: a review of the literature," accepted by Archives of Suicide Research.

CELL SIGNALLING LABORATORY

Dr. D. Mousseau

Dr. Mousseau is the Saskatchewan Research Chair in Alzheimer Disease and Related Dementia, and Director of the Cell Signalling Laboratory. His major research objective is to determine what biochemical events are common to depression and Alzheimer disease (AD) so as to identify modifiable targets in the depressed brain that could stay the onset of AD in vulnerable individuals.

As well, Dr. Mousseau is examining depression-related targets in models of diabetes (insulin resistance) and in breast cancer. The Cell Signalling Laboratory members include: two post-doctoral fellows, Drs. M. Quartey and J. Nyarko; a laboratory manager, Paul Pennington; a technician, Ryan Heistad; and two MSc. students, Kaeli Knudsen and Lisa Poon.

The Cell Signalling Laboratory collaborates with individuals across the U of S campus and Canada.

CHILD & ADOLESCENT PSYCHIATRY

Dr. D. Quinn

Studies taking place in Child and Adolescent Psychiatry division include: **Self-reported irritability and adolescents** — Irritable teenagers as reported by parents have high rates of depression, anxiety and substance use disorders 20 years later. Irritability is also an independent risk factor for suicide. This study is working on how parental reports of irritability in teenagers and adolescent self-reports correlate. The irritability rating scale has been developed by Drs. Pylypow, Quinn and Balbuena. **Mental Health impairment in children and adolescents** — This study, by Dr. Denis, is almost complete. Using the World Health Organization disability scale, it assesses impairment for a rating scale.

Metabolism of THC, CBD-1 and 2 in children and adolescents — This study looks at plasma levels of THC, CBD-1 and CBD-2, and involves colleagues in the College of Pharmacy, namely Dr. Alcorn. The focus is on determining the pharmacokinetics of marijuana in adolescents. **Measurement of sustained attention in children and adolescents with ADHD** —

With an aim to measure attention in children and adolescents with ADHD, this study will involve comparing two different CPT tests. **Measurement of variability in attention and individuals with ADHD** — The issue of variability in attention in children with ADHD has been poorly stated. A research proposal is being prepared to access data already completed and collected. Ethics approval is required to study this data. **Obesity in children and adolescents on 2nd generation antipsychotics** —

A medical student is developing a protocol to be able to assess height, weight and BMI for all adolescents admitted to the inpatient unit, to evaluate the presence of obesity and overweightedness in this population and the association with 2nd generation antipsychotics.

COMPUTATIONAL PSYCHIATRY GROUP

Dr. L. Balbuena

The Computational Psychiatry group — Lisa Dong MS, MSc, Sara Khalaj MSc, MD, and L. Balbuena PhD (PI) — uses data from electronic medical records, national surveys, administrative records, smartphones, and patient and health worker perspectives. They investigate a wide range of topics including suicide, mood instability, neuroticism, emotional dysregulation, health services utilization, and social determinants of mental health.

They supervise students: Sharmin Sharker, co-supervised with Professor Cindy Feng (School of Public Health); and Mei Dong, co-supervised with Professor Longhai Li (Department of Mathematics and Statistics). Funding is provided by Saskatchewan Health Research Foundation, RUH Community Mental Health Fund, MITACS, Psychiatry intramural funds, College of Medicine, and the University of Saskatchewan.

They are grateful to their many collaborators: Mr. D Harder, MSW and Ms. L Letwiniuk, RN (Sask. Health Authority); Drs. R Bowen, E Peters, K Boctor, M Baetz, D Quinn, Y Zhang, J Pylypow, G Marcoux, R Lodhi, N Osgood, C Feng, L Li, A Bowen, J Bally, L Wright, J Poudrier, D Goodridge, J Gamble, and E Li (U of S); Dr. A L Brantsaeter (Norwegian Institute of Public Health); Dr. A John (Swansea University Medical School); and Dr. F Tropf (Oxford University).

EDUCATIONAL RESEARCH

Dr. M. Davidson

Dr. Marla Davidson's major research interest is in the pedagogy of psychiatry for tomorrow's physicians.

Dr. Davidson is an expert in developing innovative teaching strategies and in psychiatry resident training scholar curriculum implementation and evaluation.

INDIGENOUS RESEARCH

Dr. C. Tait

The First Peoples - First person Indigenous Hub plays a central research, policy, and knowledge dissemination role in collaborating with Indigenous peoples of Canada for vast improvements in wellness, healing, mental health, and addictions supports and services.

This year, Dr. Tait and her research team completed community consultations across Saskatchewan, which culminated in a Child Welfare Report for the Federation of Sovereign Indigenous Nations (FSIN). They have also been working closely with the Métis Nation of Saskatchewan (MN-S) to develop a Métis Data Governance report and recommendations as they pertain to Métis health data.

Dr. Tait was awarded the Saskatchewan Indigenous Mentorship Network, a five-year CIHR training grant in June 2017 which recently hosted its first Annual Gathering and will continue to create mentorship opportunities for Indigenous students and new investigators in Saskatchewan to address the TRC's calls to action on health research endeavors.



Dr. Nyarko, a post-doctoral researcher with the Cell Signalling Laboratory, is shown working with cell cultures. Dr. Nyarko co-authored (with Dr. Quartey) several of the papers Dr. Mousseau's team published this year.

MOOD & ANXIETY

Dr. R. Bowen

Most of Dr. Bowen's research has been on mood instability (MI), which they have shown is the essential component of neuroticism and the antecedent to anxiety and mood disorders.

MI is not well treated by antidepressants. Their main medication interest is on the mood stabilizers, and they are currently collaborating with computer science on a smart-phone study clarifying the role of MI in suicidal ideation among inpatients.

They have worked on clarifying neuroticism's role in suicidal ideation and role of anxiety and MI on impulsivity, and collaborated with anaesthesia on the ketamine studies and with nursing on maternal health and MI.

Dr. Bowen has collaborated with several researchers in the department, as well as residents and students with similar interests on mood instability and mood regulation.

PSYCHOLEGAL AND FASD RESEARCH LABORATORY

Dr. M. Mela

As a Diagnostic Research Lead for Canada's comprehensive national Fetal Alcohol Spectrum Disorder (CanFASD), Dr. Mela's research has focused on FASD and the overlap with mental disorder, often including a forensic lens.

Over the past year, Dr. Mela's research activities have included various presentations at the National and International FASD conferences as well as the International Congress on Law and Mental Health. Other highlights included the publication of a response to the National Mental Health Strategy and a systematic review on the use of psychotropic medications in patients with FASD.

Collaborative projects the lab was involved in this year include an investigation into FASD informed care for mental health and addictions, a pilot project looking at FASD in the Emergency Room, and utilizing the CanFASD database to investigate the relationships between FASD, mental disorder and psychotropic medications.

Dr. Mela has also led an expert panel in the unprecedented development of a medication algorithm for FASD, to be released later this year.

SOCIAL AND PSYCHIATRIC EPIDEMIOLOGY RESEARCH GROUP (SPERG)

Dr. C. D'Arcy

SPERG is a research group with an interest in social and psychological and epigenetic risk factors for mental illnesses and mental health including the prevention of mental disorders. The research involves population health and epidemiological paradigms and analyses of quantitative data from administrative databases, clinical files and large-scale community health surveys.

As well as being a member of the Department of Psychiatry, Dr. D'Arcy is also the Academic Director for the Sask. Research Data Centre (SKY-RDC), has an appointment as Chair and teaches in the School of Public Health (SPH) at the U of S, and is a guest professor in the School of Public Health, Jilin U., China. SPERG collaborates with the clinical faculty in the Department of Psychiatry, other researchers across campus, nationally (McGill) and internationally (Jilin U., China, and the U. of Macau).

GROUP MEMBERS INCLUDE: T Chambers-Richards, BSc(MT), MPH (Epi), PhD(c); Y Su, BSc(Prev Med), MSc (Epi), PhD(s); K Alphonsus BSc (Hons), MPH, PhD(c); M Li, BASc, MPH, PhD(c); B Chireh, BEd, MSc (Epi), PhD(c); V Onaemo, MBBS, MSc(PH), PhD(c).

TRANSFORMATIONAL RESEARCH LABORATORY

Dr. Y. Zhang

Dr. Zhang is the recipient of the prestigious Iver and Joyce Graham Small Indiana Professorship in Psychiatry and the lead of the Transformational Research Laboratory. Dr. Zhang's research lab focuses on the efficacy of neurostimulation and cannabis on emotional and cognitive deficits in several neurological psychiatric disorders, including major depressive disorder, schizophrenia, PTSD and multiple sclerosis.

Dr. Zhang has extensive collaborations. On campus, he has joint research projects with Dr. V Verge (Anatomy and Cell Biology) on treatment of myelin deficits, Dr. C Taghibiglou (Pharmacology) on Parkinson's disease, and Dr. F Cayabyab (surgery) on stroke. Nationally, he collaborates with Dr. X Li (U of A) and Dr. J Antel (McGill), and internationally with Dr. F Wang (Yale), Dr. Y Tang (China Medical U), Dr. Y Zheng (Guangzhou Medical U) and Dr. X Bi (Shanghai Changhai Hospital).

Group members include: J Cohen (master student); Z Wei (research assoc.); L Gui (research asst.); Y Zhang (PI); D Kim (undergrad summer student); A Mooshekhian (master student); A Simko (Dean's Project med student); B Spink (NERC summer student), D Coupal (Dean's Project med student); J Faye (undergrad summer student).

ACTIVE FUNDING

July 1, 2017 - June 30, 2018

Adams G C (PI). "A biopsychosocial exploration of the relationship between childhood trauma, adult attachment and severity of depression and social anxiety in Saskatchewan." *Source:* Alfred G Molstad trust Fund and Aruna & Kripa Thakur Award, 2015-17, \$9,500.

Adams G C (PI). "Adult attachment and the cost-to-treat in the psychiatric outpatient population." *Source:* Intramural Laura E. Chapman Award for Psychiatry Research, 2016-18, \$2,235.

Adams G C (PI). "Adult attachment and the cost-to-treat in the psychiatric outpatient population." *Source:* Royal University Hospital Foundation Research Grant, 2017-19, \$21,708.

Adams G C (PI). "Psychotherapy outcome in clients with anxiety and depression." *Source:* Alfred G Molstad trust Fund and Aruna & Kripa Thakur Award, 2015-17, \$85,000.

Adams G C (PI), Adams S (Co-PI), Clark M. "Effectiveness of early psychosis intervention program and the examination of risk factors interfering with its use." *Source:* Alfred G Molstad Trust and Peter Matthews Enhancement Award, 2018-20, \$8,650.

Adams G C (PI), Bodani R (Co-PI). "Does the way we relate in close relationships impact the way we sleep? An exploration of individual attachment on primary sleep disorders and their treatment." *Source:* Intramural Alfred G. Molstad Trust/ Laura E. Chapman, 2017-19, \$10,000.

Adams G C (PI), Bowen R. "Nature or nurture? A biopsychosocial exploration of the relationship between childhood trauma, adult attachment, and severity of depression and social anxiety in Saskatchewan." *Source:* Saskatchewan Health Research Foundation New Investigator Grant, 2014-17, \$110,393.

Adams G C (PI), D'Arcy C. "The impact of adult attachment on depression severity and trauma recollection over time." *Source:* College of Medicine Research Award, 2016-17, \$29,280.

Adams G C (PI), Mela M (Co-PI), Adelugba O. "The relationship between attachment, recidivism and treatment in forensic patients with mental illness." *Source:* Saskatchewan Health Research Foundation Collaborative Innovation Development Grant, 2017-19, \$48,923.

Woo J (PI), **Adams G C (Co-PI).** "Attachment and self-injurious behaviours in child and adolescent populations: a systematic review." *Source:* Peter Matthews Enhancement Award, 2018-20, \$2,503.

Balbuena L (PI). "Distal, proximal and immediate antecedents of suicide." *Source:* Provost, Faculty Recruitment and Retention Program, 2016-19, \$57,000.

Balbuena L (PI), Bowen A, Bowen R, Ballay J, Brantsaeter A. "Neuroticism and mood instability as suicide prevention targets." *Source:* Saskatchewan Health Research Foundation Establishment Grant (first place in category), 2017-20, \$119,997.

Balbuena L (PI), Bowen R, Lise A, John A. "Are there dietary and lifestyle factors for the self-prevention of suicide?" *Source:* Intramural Laura E. Chapman Award for Psychiatry Research, 2016-18, \$9,000.

Balbuena L (PI), Davis K, Li L, Feng C. "Is smoking a suicide prevention target?" *Source:* College of Medicine Research Award, 2017-18, \$21,152.

Boctor K. Vice Dean's Prize, College of Medicine, Resident Research, 2017, \$500.

Boctor K (PI), Balbuena L, Coruzzi. "Healthcare disparities amongst patients with serious mental illness presenting to ED with primary cardiovascular diseases." *Source:* Intramural Alfred G. Molstad Trust Department of Psychiatry, 2017-19, \$7,000.

Bowen R (PI), Balbuena L, Zhang Y, Baetz M. "Low dose short term lithium for suicidality." *Source:* SCPOR, 2018-19, \$30,000.

Goodridge D (PI), Neudorf C (Co-PI), **Balbuena L**, et al. "How do material and social deprivation affect health care utilization of high system users with multimorbidity in Saskatchewan: a retrospective cohort study." *Source:* Sask. Health Research Foundation, 2017-19, \$50,000.

Goodridge D (PI), Neudorf C (Co-PI), **Balbuena L**, et al. "How do material and social deprivation affect health care utilization of high system users with multimorbidity in Saskatchewan: a retrospective cohort study." *Source:* Statistics Canada, 2017-19, \$20,000.

Bowen R (PI), Osgood N, Stanley K, **Baetz M**. "Smartphone-enabled assessment of mood instability, depression and suicidal thoughts among pediatric inpatients at Royal University Hospital." *Source*: Royal University Hospital Foundation Research Grant, 2015-17, \$25,000.

Gamble J (PI), **Bowen R (Co-PI)**, **Balbuena L (Co-PI)** Li E, Lee S, **Peters E (resident)**. "Prospective randomized double blinded control trial of electroconvulsive therapy with ketamine anesthesia (standard therapy) and high intensity ketamine with electroconvulsive therapy rescue for treatment-resistant depression - EAST HIKER Trial." *Source*: Royal University Hospital Foundation Research Grant, 2017-19, \$24,327.

Hadjistavropoulos H, **Bowen R**, et al. "Improving patient access to internet Cognitive Behaviour Therapy for depression and anxiety: overcoming barriers and fostering innovation." *Source*: Canadian Institutes of Health Research, 2013-17, \$708,000.

D'Arcy C (PI). "Canadian Research Data Centre Network: integrating new initiatives for a stronger future." *Source*: Science and Humanities Research Council of Canada, 2017-19, \$61,888.

D'Arcy C (PI). "Concerning collaboration to support and promote access to and use of microdata (CRDCN) - SKY-RDC." *Source*: CIHR, 2017-18, \$31,798.

D'Arcy C (PI). "Concerning collaboration to support and promote access to and use of microdata (CRDCN) - SKY-RDC." *Source*: Canadian Research Data Centre Network Social Science and Humanities Research Council of Canada, 2017-19, \$31,286.

D'Arcy C (PI). "Concerning collaboration to support and promote access to and use of microdata (CRDCN) - SKY-RDC." *Source*: Science and Humanities Research Council of Canada, 2016-17, \$28,961.

D'Arcy C (PI). "Support to move of SKY-RDC and the Canadian Research Data Centres Network (CRDCN) to a thin client model." *Source*: CIHR, 2017-18, \$15,689.

D'Arcy C (PI), Meng, X., Su, Y. "How much does the history of childhood maltreatment (abuse and neglect) influence future neurocognitive functioning among affected individuals? A systematic review with meta-analysis." *Source*: Intramural Aruna and Kripa Thakur Award/ Laura E. Chapman Award for Psychiatry Research, 2017-19, \$5,800.

Meng X (PI), **D'Arcy C**, Brunet A. "Health and lifestyle information survey 2013/14: reserve force data analysis and report writing." *Source*: Canadian Institute for Military and Veteran Health Research (CIMVHR), 2016-17, \$46,000.

Meng X (PI), Fluery M (Co-PI), **D'Arcy C**, et al. "Influence of social mobility on mental health, mental disorders and cognitive functioning in an intergenerational cohort of a large longitudinal community-based study." *Source*: CIHR, 2017-19, \$1,730.

Meng X (PI), **D'Arcy C**, O'Donnell K, et al. "Integrating and evaluating machine learning applied to risk prediction of stress-related mental disorders: an in-depth exploration of bio-psycho-social attributes." *Source*: CIHR, 2017-19, \$525,000.

Spencer B (PI), **D'Arcy C**. "Canadian Research Data Centre Network: integrating new initiatives for a stronger future." *Source*: Social Science and Humanities Research Council, 2016-17, \$28,960.

Spencer B (PI), **D'Arcy C**. "Canadian Research Data Centre Network: integrating new initiatives for a stronger future." *Source*: Canadian Institutes of Health Research 2016-17, \$28,960.

Davidson M (PI). "1) Multisource feedback of psychiatry resident performance; 2) Developing e-modules for teaching forensic psychiatry for an interdisciplinary law and psychiatry joint seminar and workshop series." *Source*: Faculty Recruitment and Retention Program, 2016-20, \$47,000.

Davidson M (PI), **Mela M (Co-PI)**, Luther G (Co-PI). "E-Modules for teaching forensic psychiatry for an interdisciplinary law and psychiatry joint seminar and workshop series." *Source*: Intramural Merlis Belsher Family Fund in Forensic Psychiatry, 2018-19, \$3,100.

Denis M (PI), **Quinn D (Co-PI)**, **Raghunath A (resident)**. "Self-reported impairment and quality of life information from children and adolescents with psychiatric symptoms: the utility of the WHODAS-Child in the Saskatoon Health Region." *Source*: Royal University Hospital Foundation Research Grant, 2016-17, \$22,780.

Felstrom A (PI). "Understanding inpatient models of care in child psychiatry and their impacts on physician burnout." *Source*: Royal University Hospital Foundation Community and Mental Health Research Grant, 2016-17, \$5,000.

Knudsen K (MSc student), **Mousseau D (supervisor)**, C. de Carvalho (co-supervisor). MSc Scholarship. *Source*: CoMGRAD, 2017-19, \$46,000.

Knudsen K (MSc student), Mousseau D. "Screening for Alzheimer disease-related toxicity profiles of antidepressant drugs using the *C. elegans* worm and neuronal cultures." *Source:* Intramural Alfred G. Molstad Trust for Psychiatry Research, 2017-19, \$3,600.

Mela M (PI). "Advancements in FASD Symposium: diagnostic training and development of recommendations for a psychotropic algorithm." *Source:* CIHR - Saskatchewan Center for Patient-Oriented Research Patient Engagement Application Development Award, 2017, \$2,490.

Mela M (PI). "Advancements in FASD Symposium: diagnostic training and development of recommendations for a psychotropic algorithm." *Source:* Saskatchewan Health Research Foundation Research Connections, 2016-17, \$6,500.

Mela M (PI). "FASD diagnostics lead research." *Source:* CanFASD Research Network, 2017-18, \$32,000.

Mela M (PI). "Fetal alcohol spectrum disorder research, CanFASD." *Source:* CanFASD, 2016-17, \$60,000.

Mela M (PI), Anderson T. "Prevalence and management of offenders with mental disorder and FASD in outpatient forensic psychiatry; what is and isn't working?" *Source:* Intramural Alfred G. Molstad Trust/Aruna and Kripa Thakur Award, 2016-18, \$5,000.

Mitchell A (PI), Thorpe L, Bennett V, et al. "Clinical predictors of long-term care placement in adults with intellectual disabilities with and without Down syndrome." 1st Place poster. *Source:* Saskatchewan Psychiatric Association Scientific Conference and Annual Mtg, 2018, \$500.

Mousseau D (PI). "Depression is a risk for Alzheimer disease." *Source:* College of Medicine, 2015-20, \$25,000.

Mousseau D (PI). "Depression is a risk for Alzheimer disease." *Source:* College of Medicine, 2018-22, \$80,000.

Mousseau D (PI). "Depression as a risk for Alzheimer disease." *Source:* College of Medicine, matching funds, 2018-22, \$100,000.

Mousseau D (PI). "Depression is a risk for Alzheimer disease." *Source:* Private Donor, 2018-20, \$1 million.

Mousseau D (PI). "Depression is a risk for Alzheimer disease." *Source:* College of Graduate and Post-doctoral studies, 2018-22, \$100,000.

Mousseau D (PI), Laprairie, R. "Inaugural Saskatchewan cannabinoid research symposium." *Source:* College of Medicine, 2018, \$5,000.

Mousseau D MSc stipend. *Source:* College of Graduate Studies and Research, 2016-18, \$30,000.

Mousseau D (PI). "Depression is a risk for Alzheimer disease." *Source:* Saskatchewan Health Research Foundation/Alzheimer's Society of Saskatchewan, 2015-20, \$1 million.

Mousseau D (PI). "Using pH-sensitive probes to monitor flipping behaviour of the mitochondrial MAO protein." *Source:* College of Medicine Research Award (CoMRAD), 2017-18, \$30,000.

Babyn P (PI), **Mousseau D**, et al. "Saskatchewan Nuclear Imaging Program." *Source:* The Fedoruk Centre, 2015-19, \$5.2 million.

Nyarko J (PI), Quartey M, **Mousseau D.** "The Alzheimer disease-related Amyloid Protein Precursor (APP) alters neurotransmitter metabolite clearance from the brain: implications for neuronal pruning and Autism-like behaviours." *Source:* Intramural Aruna and Kripa Thakur Award/ Laura E. Chapman Award for Psychiatry Research, 2016-18, \$3,000.

Phenix C (PI), Palmer D, **Mousseau D**, Hicks D, Davis R. "Evaluation of PET radiotracers for imaging glucocerebrosidase in Parkinson's disease, Canadian Glycomics Network." *Source:* Canadian Glycomics Network, 2017-18, \$435,000.

Papish A. "The challenges of medical residency: are they perceived and addressed differently by international medical graduates, Canadian medical graduates and preceptors?" *Source:* Intramural Alfred G. Molstad Trust/ Peter Matthews Enhancement Award for Child and Adolescent Research, 2016-18, \$500.

Peluola A (PI), Mela M, Brennan S, Okunola O. "Not annoyed when criticised: revalidating the CAGE questionnaire." *Source:* Intramural Aruna and Kripa Thakur Award, 2016-18, \$500.

Peters E (resident). Vice Dean's Prize, College of Medicine, Resident Research, 2017, \$500.

Pylypow J (resident). Vice Dean's Prize, College of Medicine, Resident Research, 2017, \$2,000.

Riou K (resident). "Perspectives of Stigma in Medical Education." *Source:* Medicine & Society UGME Fund, 2017, \$1,000.

Riou K (resident), D'Eon M, **Bennett V**, Teucher U. "Comparing medical students experience with stigma at UBC, USASK and UH." *Source*: Intramural Peter Matthews Enhancement Award for Child & Adolescent Research, 2016-18, \$2,000.

Tait C (PI). "First Peoples-First Person." *Source*: Canadian Indigenous Depression Research and Intervention Network, 2015-17, \$89,500.

Tait C (PI). "First Peoples-First Person." *Source*: College of Medicine, 2015-17, \$82,500.

Tait C (PI). "Networks of centres of excellence - First Peoples' recovery and wellness network." *Source*: Government of Canada, 2018, \$15,000.

Tait C (PI). "White Buffalo Treatment Centre Horse Dance Ceremony." *Source*: Amiskusees: Semaganis Worme Family Foundation, 2016-17, \$2,500.

Tait C (PI), Mela M (Co-PI). "Building reconciliation together: transformative integrational mentorship." *Source*: Canadian Institutes of Health Research Indigenous Mentorship Grant, 2017-22, \$1 million.

Tait C (PI), Currie C (Co-PI), Many G L (Co-PI). "Building cross-generational wellness and resilience in multi-generational Indigenous households: a scoping review." *Source*: Canadian Institutes of Health Research Training Grant: Knowledge Synthesis Grant, 2017, \$25,000.

Tait C (PI), Mela M (Co-PI). "Advancing the Truth and Reconciliation Commission of Canada's 'Calls to Action': exploring cultural safety and micro-reconciliation as foundations for trauma informed care for Indigenous peoples: IHSPR ICS." *Source*: Canadian Institute of Health Research Program Planning and Dissemination Grant, 2017-18, \$25,000.

Malla A (PI), **Tait C (Co-I & SK Lead)**, **Mela M**, Prettyshield K. "Indigenous adolescent mental health. Transformational Research in Adolescent Mental Health (TRAM)." *Source*: Boeckh Foundation/Canadian Institutes of Health Research. 2014-19, \$500,000.

Newhouse D (PI), **Tait C (Co-I)**. "Urban Aboriginal knowledge network research for a better life." *Source*: Social Sciences and Humanities Research Council, 2012-17, \$2.5 million.

Unger M (PI), **Tait C**. "Improving the mental health and wellbeing of children and youth in challenging contexts. Promoting the use of research, best and promising practices, and local knowledge in mental health programming for vulnerable and at-risk young people."

Source: Networks of Centres of Excellence Renewal Competition, 2016-19, \$1.2 million.

Zhang Y (PI). "The effects of varying levels of stress and cuprizone treatment on behaviour and myelin pathology in the live brain and cells." *Source*: Faculty Recruitment and Retention Program, 2016-17, \$215,000

Zhang Y (PI). "Major mental illness: early intervention and psychiatric rehabilitation, with special consideration for marginalized populations." *Source*: Saskatchewan Health Research Foundation Research Connections, 2017-18, \$5,000.

Zhang Y (PI). "Repetitive Transcranial Magnetic Stimulation (rTMS) in managing mouse model of late life depression: white matter and cognition impairments as the target." *Source*: Intramural Alfred G. Molstad Trust, 2016-18, \$9,000.

Zhang Y (PI), Bowen R. "Double blind proof of concept trial of intermittent theta burst low field magnetic stimulation augmentation of anti-depressant therapy in treatment-resistant depression." *Source*: College of Medicine Research Award, 2017-18, \$24,102.

Zhang Y (PI), Verge V. "The effects of low field magnetic stimulation on Neuroprotection, microglia modulation and myelin repair: a potential therapy for mood and cognitive problems associated with multiple sclerosis." *Source*: Saskatchewan Health Research Foundation (SHRF), 2018-21, \$40,000.

Zhang Y (PI), Verge V. "The effects of low field magnetic stimulation on Neuroprotection, microglia modulation and myelin repair: a potential therapy for mood and cognitive problems associated with multiple sclerosis." *Source*: Saskatchewan Health Research Foundation (SHRF), 2018-20, \$120,000.

Zhang Y (PI), Bowen R, et al. "Low Field Magnetic Stimulation (LFMS) for mood and memory: from bench to bedside." *Source*: Iver and Joyce Graham Small Indiana Professorship in Psychiatry, 2017-22, \$165,000.

Cayabyab F C (PI), **Zhang Y (Co-PI)**. "Therapeutic potential of low-field magnetic stimulation (LFMS) in stroke." *Source*: CoMRad Grant, College of Medicine Research Award, 2017-18, \$30,000.

Mooshekhian A (PI), **Zhang Y**. "The new insight of atypical antipsychotics in schizophrenia: effects on Cuprizone-induced demyelination and remyelination in mice." *Source*: Intramural Alfred G. Molstad Trust/Aruna and Kripa Thakur Award, 2017-19, \$5,000.

PRESENTATIONS

SCIENTIFIC CONFERENCES

Adams G C, D'Arcy C, & Wrath A. The impact of adult attachment on the severity of depression and social anxiety over time. **Invited Presentation** at: CoMRAD Symposium; 2017 November; Saskatoon, SK.

Adams G C, Mela M, Wrath A, & Anderson T. An investigation in forensic outpatients with mental disorder. **Poster** presented at: SHRF Sante Awards Evening Showcase; 2017 December; Saskatoon, SK.

Adams G C, Wrath A, & **D'Arcy C.** The impact of adult attachment on depression and social anxiety severity over time. **Poster** presented at: American Psychiatric Association Annual Meeting; 2018 May; New York, NY.

Adams G C, Wrath A, Mondal P, & Asmundson G J G. Social anxiety: A full mediator between attachment avoidance and depression severity. **Poster** presented at: 2018 Anxiety and Depression Association of America Annual Conference; 2018 April; Washington, D.C.

Adebiyi O A, Bi X, Moosheiken A, Truong D, Wei Z, Li X-M, **Zhang Y.** Venlafaxine ameliorates cognitive impairments and brain myelin deficits in a cuprizone-induced demyelination animal. **Poster** presented at: The 41st Canadian College of Neuropsychopharmacology Annual Meeting; June, 28-30, 2018; Vancouver, BC.

Adebiyi, O A, Moosheiken, A, Lavoie C, Truong D, Cohen J, Wei Z, **Zhang Y.** Effects of low field magnetic stimulation on cognitive and emotional deficits in a multiple sclerosis model. **Oral poster** presented at: Neuroscience Research Symposium, University of Saskatchewan; November, 2017; Saskatoon, SK.

Alphonsus K, & **D'Arcy C.** Factors associated with medication use among individuals with multiple sclerosis. **Poster** presented at: Life and Health Sciences Research Expo; 2018 May; Saskatoon, SK.

Anderson M, Revie C W, Quail J M, Wodchis W P, deOliveira C, Osman M, **Baetz M,** McClure J, Stryhn H, Buckeridge D, & Neudorf C. The effect of sociodemographic factors on mental health and addictions high cost use: a retrospective population based study in Saskatchewan. **Poster** presented at: Annual national meeting of the Centre for Health Services and Policy Research; 2018 March; Vancouver, BC. *First place for 'Best poster presentation'.*

Aryal G, Wallace K, Roper L, **Lodhi R J,** Lee D, Isenberg R, Carnes P, Green B, Carnes P, & Aitchison K J. Screening for sexual addiction and ADHD in university students. **Poster** presented at: Covenant Health Research Day; 2018 February; Edmonton, AB.

Baetz M. Pharmacologic treatment of mood disorders in pregnancy, postpartum and lactation. **Invited presentation.** Perinatal Mood Disorders: Components of Care, Postpartum Support International Program; 2018 May 26; Saskatoon, SK.

Baharani A, Scruten E, **Mousseau D D,** & Scott N. (2017) Kinome analyses of a neural stem cell model of Huntington's disease. Annual Meeting of the American Society for Human Genetics; 2017 October 17-21; Orlando, FL.

Baharani A, Scruten E, **Mousseau D D,** & Scott N. (2017) Kinome analyses of a neural stem cell model of Huntington's disease. Annual meeting of the Society for Neuroscience; 2017 November 11-15, Washington, D.C.

Balbuena L, Harder D, Letwiniuk L. Suicides in Saskatoon 2012-2016. **Invited presentation** to the University of Saskatchewan Student Wellness Centre Staff. Queen's House Retreat and Renewal; 2018 June, Saskatoon, SK.

PRESENTATIONS

Bowen R C. Mood Instability. **Invited presentation** for medical staff, residents, and students. 2018 April; Ortago University, Wellington, New Zealand.

Bi X, Adebiyi O A, Moosheiken A, Li X-M, **Zhang Y.** Venlafaxine, but not fluoxetine reduces cuprizone-induced demyelination and neuroinflammation. **Poster** presented at: The International College of Neuropsychopharmacology (CINP) World Congress; June 2018; Vienna, Austria.

Broerman R L, Green B A, Jorgenson J, Barajas K, Altenberger T, Arnau R C, **Lodhi R J**, Isenberg R, Carnes P J, & Aitchison, K.J. MMPI-2-RF correlates of mini international neuropsychiatric interview diagnoses in a clinical sex addiction sample. **Poster** presented at: 53rd Annual Symposium on Recent MMPI Research; 2018 April; Hollywood Beach, United States.

Chireh B, & **D'Arcy C.** Does diabetes significantly increase the incidence of depression in longitudinal studies? A systematic review and estimates of population attributable fractions. **Poster** presented at: CAPE 2017 Annual Scientific Symposium; 2017 Sep 13-13; Ottawa, ON.

Cohen J, Wei Z, Moosheiken A, Adebiyi O A, **Zhang Y.** Face Validity of Rodent PTSD model. **Poster** presented at: Life and Health Sciences Research Exposition. May 2018; Saskatoon, SK.

Davidson M, Desanghere L, & **Saxena A.** Appreciative inquiry based improvement efforts in a residency training program. **Oral presentation** at: Medical Education Research and Scholarship Day; 2018 Jun 8; Saskatoon, SK.

Davidson M, Desanghere L, & **Saxena A.** Appreciative inquiry based improvement efforts in a residency program. **Poster** presented at: Medical Education Research and Scholarship Day; 2018 June 8; Saskatoon, SK.

Davidson M. Understanding dementia. **Telehealth presentation** to families and caregivers on behalf of the Alzheimer's Society of Saskatchewan (ASOS); 2018 January 30; Saskatoon, SK.

Denis M, Raghunath A, **Quinn D**, Graham T, Trecker M, **Balbuena L**, and Khalaj S. "Self-reported impairment and quality of life information from children and adolescents with psychiatric symptoms: the utility of the WHODAS-Child in the Saskatoon Health Region." **Poster** presented at: Saskatchewan Psychiatric Association Scientific Conference and Annual Meeting, Regina, SK., April 21, 2018.

Huntsman R J, Alcorn J, **Mousseau D D**, Seifert B, Laprairie R B, Lyon A, Tang-Wai R, Neary J P, Wu F, & Links M. CARE-E to CRIS: how a pilot study led to the development of a provincial research program. **Poster** presented at: The Annual Saskatchewan Health Research Foundation Sante Evening; 2017 December 7; Saskatoon, SK.

Hyun D, **Ojah R**, Trecker M, **Holt A**, Hanoski R, Hedley P, Orb J, **Zhang Y.** Are mental health services able to keep up with the recent increase in student mental health awareness and education? A university-wide student survey study. **Poster** presented at: Canadian Collaborative MH Care Conference; June, 2018. Toronto, ON.

Jorgenson J, Arnau R C, Altenberger T, Floyd P, Broerman B, **Lodhi R J**, Green B A, Isenberg R, Carnes P J & Aitchison A J. Relationship between various process addiction and MMPI-2-RF scales in treatment seeking sex addiction sample. **Poster** presented at: 53rd Annual Symposium on Recent MMPI Research; 2018 April; Hollywood Beach, United States.

Kim J, Zaki S, **Zhang Y**, Cayabyab F. Gamma Burst Oscillations (GBOs) using Low Field Magnetic Stimulation (LFMS) improves post-stroke cognitive and psychiatric deficits in an animal stroke model. **Poster** presented at: Life and Health Sciences Research Exposition; May 2018. Saskatoon, SK.

Kim J, **Zhang Y**, Cayabyab F. Characterizing the therapeutic potential of transcranial magnetic stimulation for the immediate treatment of post-stroke psychiatric symptoms. **Oral poster** presented at: Neuroscience Research Symposium. The University of Saskatchewan. November, 2017. Saskatoon, SK.

Kim J, **Zhang Y**, Cayabyab F. Non-invasive Treatment of Post-Stroke Depression with Low Field Magnetic Stimulation (LFMS) in a Small Vessel Animal Stroke Model. **Oral poster** presented at: The University of Saskatchewan Surgery Faculty Research Day. April, 2018. Saskatoon, SK.

Knudsen K J, Nyarko J N K, Heistad R M, Greer J, Carvalho C E, & **Mousseau D D**. A routinely prescribed antidepressant drug and its metabolite exert similar toxicity via β -amyloid. **Poster** presented at: 10th Annual Summit of the Knowledge Network in Rural and Remote Dementia Care; 2017 October 23; Saskatoon, SK.

Lavioe C, Truong D, Wei Z, Zhang Z, **Zhang Y**. Quetiapine increases GRP-30 Expression in the cortex of the Cuprizone-induced Demyelination Mouse Model. **Poster** presented at: 2017 College of Medicine Fall Poster Day; October, 2017. Saskatoon, SK. 1st place in neurology.

Li H, Bowen A, **Bowen R C**, Bally J, Feng C, & Muhajarine N. Mood instability in perinatal women. **Poster** presented at: Saskatchewan Psychiatric Association; 2018 May; Regina, SK.

Li M, & **D'Arcy C**. Stimulant use and development of Bipolar Affective Disorder: an 11-year outcome study using Saskatchewan health care data files. **Poster** presented at: School of Public Health Annual Poster Day, School of Public Health, University of Saskatchewan; 2017 July 28; Saskatoon, SK.

Li A, Wrath A, Mondal P, McWilliams L, Skomro R, **Adams G C**. Attachment and its relationship to sleep quality and daytime sleepiness. **Poster** session presented at: College of Medicine Dean's Summer Student Project Poster Day; 2017 October; Saskatoon, SK.

McLachlan K, Wells J, **Mela M**, & Berge C. FASD and the criminal justice system: making the case for research to build evidence-based policy responses. **Paper** presented at: 8th International Research Conference on Adolescents and Adults with FASD, Vancouver, BC; 2018.

Mitchell A, **Thorpe L**, Pahwa P, **Bennett V**, Kirk A, and Nanson J. "Clinical predictors of long-term care placement in adults with intellectual disabilities with and without Down syndrome." **Poster** presented at Saskatchewan Psychiatric Association Scientific Conference and Annual Meeting, Regina, SK., April 21, 2018.

Mooshekhian A, Adebisi OA, Lavoie C, Truong D, Cohen J, Wei Z, **Zhang Y**. The effects of low field magnetic stimulation on cognitive impairment and depressive-like behaviours in a Cuprizone mouse model of demyelination. **Poster** presented at: life and Health Sciences Research Exposition; May, 2018. Saskatoon, SK.

Mousseau D D. Almost forty years of Alzheimer's disease research: what have we missed in our search for a cure? **Invited presentation**. Neuroscience and Mental Health Institute, University of Alberta; 2017; Edmonton, AB.

Mousseau D D. Changes in CB1 receptor expression in Alzheimer disease, Parkinson's disease, and depression autopsied cortical samples. **Invited presentation**. 41st Annual Meeting of the Canadian College of neuropsychopharmacology; 2018 June 27-30; Vancouver, BC.

Nyarko J N K, Quartey M O, Heistad R M, Pennington P R, **Mousseau D D**. Changes in actin and tubulin expression in the Alzheimer brain are more predictive of sex-dependent disease progression than are changes in Tau phosphorylation. **Poster** presented at: 10th Annual Summit of the Knowledge Network in Rural and Remote Dementia Care; 2017 October 23; Saskatoon, SK.

Nyarko J N K, Quartey M O, Pennington P R, Heistad R M, Klassen P, & **Mousseau D D**. Beta-Actin expression correlates with monoamine oxidase activity in a sex and region-dependent manner in the Alzheimer disease brain. **Poster** presented at: 41st Annual Meeting of the Canadian College of neuropsychopharmacology; 2018 June 27-30; Vancouver, BC.

PRESENTATIONS

Ojah R, Hyun D, **Holt A**, Drew M, Orb J, Hanoski R, Hedley P, **Zhang Y**. 'Be Well' — a proposal to evaluate the University of Saskatchewan Student Mental Health Strategy. **Poster** presented at: Canadian Collaborative MH Care Conference; June, 2018; Toronto, ON.

Onaemo V, & **D'Arcy C**. Alcohol dependence and the persistence of major depression: a longitudinal population based study. **Poster** presented at: CAPE 2017 Annual Scientific Symposium; 2017 Sep 13-13; Ottawa, ON.

Onaemo V, & **D'Arcy C**. Comorbid substance use disorders, major depression and generalized anxiety disorder in nationally representative samples: a systematic review and meta-analysis. **Poster** presented at: CAPE 2017 Annual Scientific Symposium; 2017 Sep 13-13; Ottawa, ON.

Parameswaran S, Vizeacoumar F S, Qin F, McEwen E, Bhanumathy K, Toosi B, Kundapur D, Furber L, Cunningham C, **Mousseau D D**, Uppalapati M, Stirling P, Wu Y, Bonham K, Freywald A, Li H, & Vizeacoumar F J. Molecular analyses of a rare chromosomal rearrangement of MLL1 and its relevance in solid tumor. **Poster** presented at: 4th Canadian Cancer Research Conference; 2017 November 5-7; Vancouver, BC.

Quartey M O, Chowdhury M, Wang S, Brown D, Phenix C, & **Mousseau D D**. Towards new tools to study Glucocerebrosidase in Parkinson's disease. **Poster** presented at: GlycoNet Canadian Glycomics Symposium; 2018 May 9-11; Banff, AB.

Quartey M O, Nyarko J N K, Pennington P R, Heistad R M, Baker G B, & **Mousseau D D**. Monoamine oxidase-A (MAO-A) and MAO-B activities are regulated in a region-dependent manner in the Alzheimer brain. **Poster** presented at: 10th Annual Summit of the Knowledge Network in Rural and Remote Dementia Care; 2017 October 23; Saskatoon, SK.

Quartey M O, Tesolin D, Wang S, Chowhury M, Nyarko J N K, Phenix C, & **Mousseau D D**. Developing new tools to study β -Glucocerebrosidase as a biomarker in Parkinson's disease. **Poster** presented at: 41st Annual Meeting of the Canadian College of neuropsychopharmacology; 2018 June 27-30; Vancouver, BC.

Robinson S, Wrath A, Mondal P, **Adams G C**. Alexithymia mediates the relationship between adult attachment and depression severity. **Poster** session presented at: College of Medicine Dean's Summer Student Project Poster Day; 2017 October; Saskatoon, SK.

Seidlikoski Y W & **Tait C**. Secondary trauma and trauma-informed practice competency in remote northern Saskatchewan therapists: a mixed methods study. **Poster** presented at: Life and Health Sciences Research Expo; 2018 May; University of Saskatchewan, Saskatoon, SK.

Seidlikoski Y W & **Tait C**. Secondary trauma in remote northern medical health therapists in Saskatchewan. **Poster** presented at: Saskatchewan Indian Institute of Technologies; 2017 September.

Sekar S, **Zhang Y**, Taghibiglou C. Effect of Low Field Magnetic Stimulation on restoring neuronal and glial functions against 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine induced Parkinson's disease mouse model. **Oral poster** presented at: The 12th Annual Canadian Neuroscience Meeting; 13-16 May, 2018, Vancouver, BC.

Sekar S, **Zhang Y**, Taghibiglou C. Effect of Low Field Magnetic Stimulation on cognitive and motor functions in a traumatic brain injury mouse model. **Poster** presented at: The 12th Annual Canadian Neuroscience Meeting; 2018 May; Vancouver, British Columbia.

Selvendrarajah N, Karreman E, and **Damodharan, S**. "A study to explore the clinical usefulness of the interpersonal psychological theory and its constructs in routine acute inpatient psychiatric practice." **Poster** presented at: Saskatchewan Psychiatric Association Scientific Conference and Annual Meeting, April 21, 2018, Regina, SK.

Sharker S, Feng C, **Balbuena L**. Bayesian repeated measures zero-inflated models for modeling hospitalizations among patients with mental disorders. **Student presentation** at: Statistical Society of Canada; 2018 June; Montreal.

Tait C. Engagement of First Nations, Métis, and Inuit peoples in research. **Invited presentation** at Kids Brain Health Network meeting. Whitehorse; 2018 June 13.

Tait C. Micro-reconciliation as a pathway to culturally safe practice. **Invited workshop** at: Alberta Innovates 2018 Summer Institute. 2018 May 15.

Tait C. Panel: Innovations across Canada. **Invited panel presentation** at: Hoti ts'eeda Eets'ehdee - Decolonizing NWT Health Research, hosted by the Tlicho Government and NWT SPOR Unit. 2018 May 23.

Tait C. Research partnerships with Indigenous communities. **Invited presentation** at: Gathering for miyo mahcihowin, hosted by the University of Saskatchewan Health Sciences. 2018 March 16.

Tait C. Saskatchewan Métis Health Governance Model. **Invited presentation** at: Métis Nation Health Forum. Ottawa, ON; 2018 February 26.

Tait C. Support and nurture Indigenous persons in health research in their territories. **Invited presentation** at: the Ministry of Health of Brazil visit to Ottawa. 2018 June 28.

Tait C. Surveillance of suicide among Indigenous peoples in Saskatchewan, Canada. **Invited presentation** at: International Group on Indigenous Health Measurement meeting. Atlanta, US; 2017 November 01.

Tait C. Towards reconciliation practice in the delivery of mental health services to Canadian Indigenous youth. **Paper** presented at: Future-Proofing Youth Mental Health (International Association for Youth Mental Health). Dublin, Ireland; 2017 September.

Tait C, & Josdal M. Cultural safety and trauma informed care: scoping review — preliminary results. **Invited presentation** at: Department of Psychiatry Grand Rounds. University of Saskatchewan, Saskatoon, SK; 2018 April 06.

Tait C, & Napope D. 'All before I was nine years old': partnering in patient-oriented research with Indigenous persons with lived experience. **Invited presentation** at: Alberta Innovates 2018 Summer Institute, hosted by Alberta SPOR Unit; 2018 May 16.

Thompson G R W, Trinder K, **Adams G C.** Impact of attachment style on psychological health in medical students. **Poster** session presented at: 67th Annual Canadian Psychiatric Association Conference; 2017 September; Ottawa, ON.

Zhang Y. The neurostimulation and its applications in adolescent. **Invited lecturer.** November, 2017. Xiamen Medical University, Xiamen, Fujian, China.

Zhang Y. The effects of Deep-Brain Magnetic Stimulation (DMS) on white matter deficits: new mechanism in multiple sclerosis treatment. **Invited lecturer.** November, 2017. Changhai Hospital, The Second Military Medical University, Shanghai, China.

Zhang Y. Antidepressant as a disease modifying treatment of Alzheimer's disease: findings from animal study. **Invited lecturer.** November, 2017. Xiamen Medical University, Xiamen, Fujian, China.

Zhang Y. Psychiatry training in Canada, patient centered and competence-based approach. **Invited lecturer.** November, 2017. Guangzhou Medical University, Guangzhou, Guangdong, China.

Zhang Y. DSM-IV to DSM-5, what do we need to know. **Invited lecturer.** November, 2017. CME and undergraduate, Ningxia Medical University. Yinchuan, Ningxia, China.

Zhang Y. Brain Magnetic Stimulation and schizophrenia: a new direction for cognitive impairment. **Invited lecturer.** November, 2017. Guangzhou Medical University, Guangzhou, Guangdong, China.

PUBLICATIONS

REFEREED JOURNALS

Adams G C, McWilliams L A, Wrath A J, **Adams S**, & **Souza D D**. (2017). Relationships between patients' attachment characteristics and views and use of psychiatric treatment. *Psychiatry Research*, 256, 194-201. doi:10.1016/j.psychres.2017.06.050

Adams G C, Wrath A J, & Meng X. (2018). The relationship between adult attachment and mental health care utilization: a systematic review. *The Canadian Journal of Psychiatry*, 0(0), 0706743718779933. doi:10.1177/0706743718779933

Adelugba O, **Mela M**, & Haq I. (2018). Trends and causes of psychiatric inpatient deaths: a ten-year retrospective study at a secure forensic psychiatric centre in Canada. *Forensic Science Criminology*. Available at: <https://www.oatext.com/trends-and-causes-of-psychiatric-inpatient-deaths-a-ten-year-retrospective-study-at-a-secure-forensic-psychiatric-centre-in-canada.php>. doi:10.15761/FSC.1000122

Almandil N, **Lodhi R**, Ren H, Besag F, Rossolatos D, Ohlsen R, Slomp C, Lapetina D, Plazzotta G, Murrey M L, Al-Sulaiman A A, Gringras P, Wong I C K, & Aitchison K. (2018). Associations between the LEP -2548G/A promoter and baseline weight and between LEPR Gln223Arg and Lys656Asn variants and change in BMI z in Arab children and adolescents treated with risperidone. *Molecular Neuropsychiatry* (in press).

Anderson T, **Mela M**, & Stewart M. (2017). The implementation of the 2012 Mental Health Strategy for Canada Through the Lens of FASD. *Canadian Journal of Community Mental Health*, 36(4), 69-81. doi:10.7870/cjcmh-2017-031

Anderson M, Revie C W, Quail J M, Wodchis W, de Oliveira C, Osman M, **Baetz M**, McClure L, Stryhn H, Buckeridge D, & Neudorf C. (2018). The effect of socio-demographic factors on mental health and addiction high-cost use: a retrospective, population-based study in Saskatchewan. *Canadian Journal of Public Health*. doi:10.17269/s41997-018-0101-2

Ashique A M, Hart L S, Thomas C D L, Clement J G, Pivonka P, Carter Y, **Mousseau D D**, & Cooper D M L. (2017). Lacunar-canalicular network in femoral cortical bone is reduced in aged women and is predominantly due to a loss of canalicular porosity. *Bone Reports*, 7, 9-16. doi:10.1016/j.bonr.2017.06.002

Bowen R C, Dong L Y, Peters E M, **Baetz M**, & **Balbuena L**. (2017). Mood instability is a precursor of relationship and marital difficulties: results from prospective data from the British Health and Lifestyle Surveys. *Frontiers in Psychiatry*, 8(276). doi:10.3389/fpsy.2017.00276

Gamble J J, Bi H, **Bowen R**, Weisgerber G, Sanjanwala R, **Prasad R**, & **Balbuena L**. (2018). Ketamine-based anesthesia improves electroconvulsive therapy outcomes: a randomized-controlled study. *Canadian Journal of Anesthesia*, 65(6), 636-646. doi:10.1007/s12630-018-1088-0

Huntsman R J, Tang-Wai R, Acton B, Alcorn J, William Lyon A, **Mousseau D D**, Seifert B, Laprairie R, Prosser-Loose E, & Ondrej Hanuš L. (2018). Cannabis for the treatment of paediatric epilepsy? An update for Canadian paediatricians. *Paediatrics & Child Health*, 23(6), 368-373. doi:10.1093/pch/pxy036

Huntsman R, Tang-Wai R, Acton B, Alcorn J, Lyon A, **Mousseau D D**, Seifert B, Prosser-Loose E, & Newmeyer D. Cannabidiol in children with refractory epileptic encephalopathy study. (2018). *Epilepsy Professionals*. 1-4.

Lapetina D, Hu X, Lee D, Leslie R, Martens C, Wallace K, Yu M, Henriques B C, **Lodhi R**, Isenberg R, Green B, Patrick C, & Aitchison K. (2017). Analysis of the DAT1 3'VNTR in sexual addiction. *Neuropsychopharmacology*; S617-S618.

-
- Lapetina D, Hu X, Lee D, Leslie R, Martens C, Wallace K, Yu M, Henriques B C, **Lodhi R**, Isenberg R, Green B, Patrick C, & Aitchison K. (2017). Analysis of the DAT1 3'VNTR in sexual addiction. *Neuropsychopharmacology*; S617-S618.
- Lapetina D L, Hu X, Lee D, Roper L, Aryal G, Wallace K, Yu M, Henriques B C, **Lodhi R J**, Carnes P, Isenberg R, Green B, Carnes P, & Aitchison K. (2018). S251. The DAT1 3' VNTR is associated with a reward deficiency phenotype in a study of sexual addiction. *Biological Psychiatry*, 83(9, Supplement), S445-S446. doi:10.1016/j.biopsych.2018.02.1143
- Li E C K, **Balbuena L D**, & Gamble J J. (2017). Evaluation of nitrous oxide in the gas mixture for anesthesia II (ENIGMA II) revisited: patients still vomiting. *Anesthesiology*, 127(1), 204-205. doi:10.1097/ALN.0000000000001657
- McIntyre R, Lee Y, Zhou A, Rosenblat J, **Peters E (resident)**, Lam R, ... & Jerrell J. 2017. The efficacy of psychostimulants in major depressive episodes: a systematic review and meta-analysis. *Journal of Clinical Psychopharmacology*. doi:10.1097/JCP.0000000000000723
- Mela M**, Okpalauwaekwe U, Anderson T, Eng J, Nomani S, Ahmed A, & Barr A M. (2018). The utility of psychotropic drugs on patients with Fetal Alcohol Spectrum Disorder (FASD): a systematic review. *Psychiatry and Clinical Psychopharmacology*, 1-10. doi:10.1080/24750573.2018.1458429
- Meng X, Fleury M-J, Xiang Y-T, Li M, & **D'Arcy C**. (2018). Resilience and protective factors among people with a history of child maltreatment: a systematic review. *Social Psychiatry and Psychiatric Epidemiology*, 53(5), 453-475. doi:10.1007/s00127-018-1485-2
- Nyarko J N K, Quartey M O, Baker G B, & **Mousseau D D**. Can animal models inform on the relationship between depression and Alzheimer disease? *The Canadian Journal of Psychiatry*, 0(0), 0706743718772514. doi:10.1177/0706743718772514
- Nyarko J N K, Quartey M O, Pennington P R, Heistad R M, Dea D, Poirier J, Baker G B, & **Mousseau D D**. (2018). Profiles of β -amyloid peptides and key secretases in brain autopsy samples differ with sex and APOE ϵ 4 status: impact for risk and progression of Alzheimer disease. *Neuroscience*, 373, 20-36. doi:10.1016/j.neuroscience.2018.01.005
- Peters E M, & **Bowen R**. (2018). Irritability in a mixed sample of patients with unipolar and bipolar II depression predicts responsiveness to lamotrigine. *Personalized Medicine in Psychiatry*, 7-8, 27-30. doi:10.1016/j.pmip.2018.01.001
- Peters E M, John A, **Bowen R**, **Baetz M**, & **Balbuena L**. (2018). Neuroticism and suicide in a general population cohort: results from the UK Biobank Project. *BJPsych Open*, 4(2), 62-68. doi:10.1192/bjo.2017.12
- Pylypow J, **Quinn D**, Duncan D, **Balbuena L**. (2017). A measure of emotional regulation and irritability in children and adolescents: the clinical evaluation of emotional regulation-9. *Journal of Attention Disorders*. doi:10.1177/1087054717737162
- Quartey M O, Nyarko J N K, Pennington P R, Heistad R M, Klassen P C, Baker G B, & **Mousseau D D**. (2018). Alzheimer disease and selected risk factors disrupt a coregulation of monoamine oxidase-A/B in the hippocampus, but not in the cortex. *Frontiers in Neuroscience*, 12(419). doi:10.3389/fnins.2018.00419
- Rawson N S B, & **D'Arcy C**. (2018). Healthcare databases for drug safety research: data validity assessment remains crucial. *Drug Safety*, 41(9), 829-833. doi:10.1007/s40264-018-0673-z
- Reithmeier D, Tang-Wai R, Seifert B, Lyon A W, Alcorn J, Acton B, Corley S, Prosser-Loose E, **Mousseau D D**, Lim H J, Tellez-Zenteno J, Huh L, Leung E, Carmant L, & Huntsman R J. (2018). The protocol for the Cannabidiol in children with refractory epileptic encephalopathy (CARE-E) study: a phase 1 dosage escalation study. *BMC Pediatrics*, 18(1), 221. doi:10.1186/s12887-018-1191-y
-

Thompson G R W, Wrath A J, Trinder K M, & **Adams G C**. (2018). The roles of attachment and resilience in perceived stress in medical students. *Canadian Medical Education Journal*.

Toosi B M, El Zawily A, Truitt L, Shannon M, Allonby O, Babu M, DeCouteau J, **Mousseau D D**, Ali M, Freywald T, Gall A, Vizeacourmar F S, Kirzinger M W, Geyer C R, Anderson D H, Kim T, Welm A L, Siegel P, Vizeacourmar F J, Kusalik A, & Freywald A. (2018). EPHB6 augments both development and drug sensitivity of triple-negative breast cancer tumours. *Oncogene*, 37(30), 4073-4093. doi:10.1038/s41388-018-0228-x

Wrath A J, & **Adams G C**. (2018). Self-injurious behaviours and adult attachment: a review of the literature. *Arch Suicide Res*, 1-24. doi:10.1080/13811118.2018.1486251

BOOK CHAPTERS & REPORTS

Tait C, Henry R, & Loewen Walker R. Child welfare: a social determinant of health for Canadian First Nations and Métis children. In: Henry R, Lavallee A, Van Styvendale N, Innes R, editors. *Global Indigenous Health*; 2018. p.151-173.

Tait C, & Josdal M. Cultural safety, cultural humility, and trauma informed care: a scoping review; 2018.

Tait C. Federation of sovereign Indigenous Nations urban strategic plan. Produced for Hon. Carolyn Bennett, Minister of Crown-Indigenous Relations; 2017. 35p.

REVIEW ACTIVITIES

JOURNALS, FUNDING AGENCIES, CONFERENCES, & UNIVERSITIES

ADAMS G C — Committee Member: Faculty of Graduate Studies and Research, College of Graduate Studies and Research, U of S. **Manuscript Review:** Journal of Psychosomatic Research; Journal of Affective Disorders; Psychological Medicine; Current Psychology. **Grant Review:** Resident Research Award: College of Medicine, U of S.

D'ARCY C — Committee Chair: Advisory Committee PhD Program in Epidemiology, School of Public Health, U of S. **Committee Member:** Management Committee, Sask. Research Data Centre (SKY-RDC); Graduate Program Review Team for the Graduate Programs at the College of Nursing, U of S, College of Graduate and Postgraduate Studies, U of S; Organizing Committee, Western Cnd. Universities Big Data Health Conference: The Future of Precision Health and Big Data – The Banff Centre September 28-29th, 2017; Academic Council, Cnd. Research Data Centres Network. **Manuscript reviewer:** Psychiatry Research; Social Psychiatry and Psychiatric Epidemiology; BMJ Open; Preventive Medicine; Cnd. Journal of Psychiatry; American Journal of Psychiatry; BMC Public Health. **External reviewer:** Tenure and promotion review, Community Health Sciences Promotion and Tenure Mentoring Committee, Max Rady College of Medicine, Rady Faculty of Health Sciences, U of Man.

LODHI R J — Grant review: Intramural Grant Review Committee, Department of Psychiatry, U of S.



MOUSSEAU D — Committee Chair/Member: Academic Misconduct Hearing Board, UGAS, College of Arts and Science, U of S; University Level Appeal of an Allegation of Breach of Academic Integrity, U of S; Academic Appeals Committee, UGME, College of Medicine, U of S; University Level Appeal of Matters Other than Substantive Academic Judgment, School of Public Health, U of S; University Level Appeal of Matters Other than Substantive Academic Judgment, Nursing, U of S; Academic Appeals Committee, UGME, College of Medicine, U of S. **External Committee Reviewer:** Genes, Cells and Molecules Panel (NSERC); Biological and clinical Aspects of Aging Panel (CIHR); 2017; Biomedical Peer Review Panel, Alzheimer Society of Canada. **Internal Committee Chair/Reviewer:** Chair: Scientific Merit Review Committee for Animal Based Research, U of S. **Reviewer:** U of S NSERC College of Reviewers; U of S CIHR College of Reviewers. **Manuscript review:** Cancer Letters; IBRO Reports.

QUINN D — Committee Chair: Expert Panel, Prairie Region ADHD. **Committee Member:** Biomedical Imaging Beam line Team (BMIT), U of S; Quality Assurance Committee, U of S; Department of Psychiatry Executive Committee, U of S; Planning Committee, Licentiate of the Medical Council of Canada (LMCC); Test Committee, Medical Council of Canada; Future in Mind; Sask. College of Physicians and Surgeons; Sask. Medical Association; Cnd. Psychiatric Association; Cnd. Academy of Child Psychiatry; American Academy of Child Psychiatry; Association of Professors of Child & Adolescent Psychiatry; Advisory Board, Cnd. Scholarship Foundation. Executive Member: Sask. Psychiatric Association; Cnd. ADHD Resource Alliance (CADDRA); Editorial Board: Cnd. Journal of Child Psychiatry.

TAIT C — Committee Member: Kids Brain Health Network. Network of Centres of Excellence; Centre for Indigenous Research and Community-Led Engagement at the University of Victoria; Aboriginal Leadership Post-Graduate Awards, College of Graduate and Postdoctoral Studies; Cnd. Depression and Research Intervention Network; Indigenous Health Committee, College of Medicine; Ad hoc Committee of University of Sask. Indigenous Faculty; Indigenous Advisory Circle, Sask. Centre for Patient-Oriented Research; Member-at-Large, University Council. **President's Visiting Committee:** College of Medicine and Dentistry, University of Alberta. **Peer Review:** International Journal of Indigenous Health; CIHR; IHSPR DRA. Health Systems Impact Fellowship Doctoral Trainees Peer Review. **Advisor:** Federation of Sovereign Indigenous Nations' Child Welfare Strategy; Mental Health Commission of Canada on Cannabis Research with Indigenous Peoples; Federation of Sovereign Indigenous Nations' Urban Strategic Plan. **Director/Board of Directors:** First Peoples' Wellness Circle; Cnd. Depression Research and Intervention Network

WALZ W — Deputy Chair: Stroke Review Committee of the Heart and Stroke Foundation of Canada. **Scientific and Peer Reviewer:** J of Neuroscience; J of Neurophysiology; Neuroscience; Physiology Education. **External Reviewer:** University wide – Manuscript for submission in Neurochemistry International, Glia. **Undergraduate Research Journal & Assessor:** Medicine Entrance Interviews

ZHANG Y — Board of Directors & Secretary treasurer: Cnd. Psychiatric Association. **Executive member:** Neuroscience Cluster, College of Medicine, U of S. **Committee member:** Psychiatry academic day, Neuropsychopharmacology teaching panel. **Member:** Qualitative improvement committee, Student Health Service, U of S. **Poster competition reviewer:** Sask. Psychiatry Assoc.; Life and Health Sciences Research Exposition, College of Medicine, U of S.

SUPERVISION

RESIDENTS, SUMMER, UNDERGRADUATE & VISITING STUDENTS

Berscheid, Kasey. Effects of APOE e4 on the interaction between PS-1 and MAO-A. Cell Signalling Laboratory. Honour's project (PHPY 432.6). 2017 May - 2018 April. *Supervised by Dr. Mousseau, D.*

Cohen, Jacob. Pharmacology/Psychiatry, Neuroscience, PTSD animal model and the effects of cannabis on PTSD. Undergraduate (Bachelor). 2017 September - 2018 April. *Supervised by Dr. Zhang, Y.*

SUPERVISION

Coupal, Dylan. The effects of low-field magnetic stimulation on white matter deficit related cognitive impairments. Summer student (MD). 2018 May - 2018 August. *Supervised by Dr. Zhang, Y.*

Edwards, Kristen; Frangou, Sarah; Frost, Josh; & Garrett, Natalie; Drs. Teaching ECT through simulation. 2017 - present. *Supervised by Dr. Davidson, M.*

Faye, Jay. Therapeutic effects and mechanism of rTMS in the treatment of late-life depression. Summer student (Bachelor). 2018 May - 2018 August. *Supervised by Dr. Zhang, Y.*

Gawiak, Mikayla. Effects of M146V mutation on neurovasculature in the entorhinal cortex. Cell signalling laboratory. 2017 June - 2017 August. *Co-Supervised by Dr. Mousseau, D.*

Gilecki, Lee-Anne. Attachment and substance use in adult populations: a narrative literature review. 2017 July - 2017 September. *Supervised by Dr. Adams, G.C.*

Guebert, Andie. Outcome of mental and physical wellbeing of residents in the Alspac data. 2017 April - 2017 September. *Supervised by Dr. Mela, M.*

Harder, Jane. Attachment and its relationship to sleep quality and daytime sleepiness. 2017 August - present. *Supervised by Dr. Adams, G.C.*

Hua, QingYun. Effects of Venlafaxine in facilitating neural cell proliferation, maturation, and development. Summer student (MD). 2018 May - 2018 August. *Supervised by Dr. Zhang, Y.*

Huynh, Dan. Are mental health services able to keep up with the recent increase in student mental health awareness and education? A university-wide student survey study. Resident, 2018 February - 2018 May. *Supervised by Dr. Zhang, Y.*

Klassen, Paula. Effects of MAO on the cytoskeleton, Cell signalling laboratory. Honour's project (PHPY 432.6). 2017 September - 2018 April. *Supervised by Dr. Mousseau, D.*

Luba, Mark. Using personalized feedback and fitbit data to promote adherence to physical exercise in patients with major depressive disorder: a pilot study. 2017 December - 2018 January. *Supervised by Dr. Zhang, Y.*

Ludlow, Katherine. Recognition cues for clinicians to identify those with FASD in their respective clinic locations. 2017 May - 2017 August. *Supervised by Dr. Mela, M.*

Naude, Desiree. Markers of depression related pathology in AD brains. Cell Signalling Laboratory. Honour's project (PHPY 432.6). 2017 September - 2018 April. *Supervised by Dr. Mousseau, D.*

Oduntan, Emmanuel. Forgiveness among mental disorder offenders and recidivism. 2017 May - 2017 August. *Supervised by Dr. Mela, M.*

Ojah, Rani C. A Proposal to Evaluate the University of Saskatchewan Student Mental Health Strategy. Resident, 2018 February - 2018 May. *Supervised by Dr. Zhang, Y.*

Robson-McKay, Amy. Attachment styles in individuals with Bipolar Affective Disorder. 2017 July - 2017 September. *Supervised by Dr. Adams, G.C.*

Thompson, Galilee R.W. Attachment and resiliency in medical students. 2017 November. *Supervised by Dr. Adams, G.C.*

Woo, Jennifer. Attachment and suicide related behaviours in children and adolescents. 2018 - present. *Supervised by Dr. Adams, G.C.*

VISITING RESEARCHERS, POST-DOCTORAL FELLOWS & GRADUATE STUDENTS

Sethi, Anjenna. Research Elective PGY1, Maternal Mental Health, Department of Psychiatry. Postgraduate Medical Education. 2017 - present. *Co-supervised by Dr. Baetz, M.*

Boctor, Kerstina (PGY1 Psychiatry). Review of suicide decedent charts. 2017 October. *Supervised by Dr. Balbuena, L.*

Rahman, Hiba. International Medical Graduate. Literature review for obsessive compulsive disorder and suicidal ideation. 2017 August - September. *Supervised by Dr. Balbuena, L.*

Aphoneus, Khrisha. MS as a chronic disease. PhD program. Epidemiology, School of Public Health, University of Saskatchewan. 2015 - present. *Supervised by Dr. D'Arcy, C.*

Chambers-Richards, Tamara. Living with neurodegenerative diseases. PhD program. Epidemiology, School of Public Health, University of Saskatchewan. 2013 - present. *Supervised by Dr. D'Arcy, C.*

Chireh, Batholomew. Epidemiology of chronic conditions, disabilities and self-rated health: predictors and trends in the context of an aging population in Canada. PhD program. Epidemiology, School of Public Health, University of Saskatchewan. 2014 - present. *Supervised by Dr. D'Arcy, C.*

Li, Muzi. Epidemiological studies in the mental health of children and adolescents: risk factors, diagnosis, treatment, prognosis, and intervention/prevention. PhD program. Epidemiology, School of Public, University of Saskatchewan. 2012 - present. *Supervised by Dr. D'Arcy, C.*

Ohaya, Joseph. Addictions research. PhD program. Epidemiology, School of Public Health, University of Saskatchewan. 2014 - present. *Co-supervised by Dr. D'Arcy, C.*

Onaemo, Vivian. Co-morbid substance use and mental health disorders: prevalence, risk factors, and persistence. PhD program. Epidemiology, School of Public Health, University of Saskatchewan. 2013 - present. *Supervised by Dr. D'Arcy, C.*

Su, Yingying. Childhood maltreatment and the development of psychiatric disorders. PhD program. Psychiatric epidemiology, School of Public Health. University of Saskatchewan. 2017 - present. *Supervised by Dr. D'Arcy, C.*

Tancred, Adam. Trauma and criminal recidivism. 2018 - present. *Supervised by Dr. Mela, M.*

Madampage, Claudia. Development of a health service navigation tool for individuals with FASD. Master of Public Health Practicum, University of Saskatchewan. 2017 May - 2017 September. *Supervised by Dr. Mela, M.*

Knudsen, Kaeli. Role of antidepressants in amyloid phenotypes in the *C. elegans* worm model, Cell Signalling Laboratory. MSc program. 2016 - present. *Supervised by Dr. Mousseau, D.*

Poon, Lisa. Immunohistochemical localization of monoaminergic and Alzheimer-related markers in autopsied human brain, Cell Signalling Laboratory. MSc Program. 2016 - present. *Supervised by Dr. Mousseau, D.*

Quartey, Maa. Dr. Role of MAO in APP processing, Cell Signalling Laboratory. 2015 - present. *Supervised by Dr. Mousseau, D.*

Abeyiyi, O.A. The effects of low-field magnetic stimulation on neuroprotection, microglia modulation and myelin repair. Postdoctoral fellow. 2017 January - 2018 June. *Supervised by Dr. Zhang, Y.*

Mooshekhian, Ali. MSc, 2017 May - present *Supervised by Dr. Zhang, Y*

Charlton, John. Addiction treatment models in First Nations run residential treatment centres. PhD program. Interdisciplinary studies, Interdisciplinary Studies, University of Saskatchewan. 2015 - present. *Supervised by Dr. Tait, C.*

Seidlikoski, Yurach Wanda. Secondary trauma: mental health therapists in northern remote First Nations communities in Saskatchewan PhD program. Indigenous health, Health Sciences, 2016 September - 2018 September. *Supervised by Dr. Tait, C.*

ADVISORY COMMITTEES

ADAMS G C

ADVISORY COMMITTEE MEMBER: **Ashley Coveney**, MA program. A psychometric evaluation of the three levels of attachment measure (3LAM): a new measure of adult attachment, Dept. of Psychology, U of S. 2017 - present. **Alex Cheng**, PhD program. Group-based trajectory modeling. Biostatistics, U of S. 2017 - present. **Constance T. Heidt**, PhD program. Comparing the communal coping model of pain catastrophizing and attachment theory as frameworks for accounting for pain-related support preferences. Dept. of Psychology, U of S. 2014 - present.

BALBUENA L

COMMITTEE CHAIR: **Jennifer King**, MSc program. Pain assessment and treatment for bleeding disorder patients: the need for social work specific education. Health Sciences. U of S. 2018 - present.

BOWEN R C

ADVISORY COMMITTEE MEMBER: **Hua Li**, PhD program. Cross-sectional and longitudinal relationship between mood instability and risk factors during perinatal period. Mood Instability in pregnant and postpartum women. U of S. 2015 - present.

D'ARCY C

ADVISORY COMMITTEE CHAIR: **Tyler Pittman**, PhD program. Nursing homes - patterns of use. Epidemiology, School of Public Health. U of S. 2017 - present. **Dana Ramsay**, PhD program. Antimicrobial resistance in food sources: a public health issue. Epidemiology, School of Public Health, U of S. 2014 - present. **Samuel Essen**, PhD program. Immigration and TB in Canada. Epidemiology, School of Public Health, U of S. 2015 - present. **Emmanuel Dankwah**, PhD program. Epidemiology and economic burden of tuberculosis in Ghana: implications for policy. Epidemiology, School of Public Health. U of S. 2015 - present. **Oluwakemi Awe**, PhD, Maternal Health, Epidemiology, School of Public Health U of S. 2015 - present. **Mustafa Andkhole**, PhD program. The epidemiology of prostate cancer in Sask. Epidemiology, School of Public Health, U of S. 2015 - present.

MELA M

ADVISORY COMMITTEE MEMBER: **Christine Goodwin**, LLM, Sentencing FASD offending, College of Law. 2011 - present. **Lee Saunders**, PhD program. The Relevance of culture as resilience against offending in indigenous communities, Qualitative. U of S. 2011 - present.

MOUSSEAU D

EXTERNAL COGNATE: **Anthony Pacholko**, PhD program. Long term effects of high-sucrose consumption and low-grade LPS administration on behaviour and late-onset Alzheimer's disease pathology in wild-type mice, Dept. of Pharmacology. 2017 - present. **Elisabet Jakova**, PhD program. Role of adenosine in stroke models, Surgery, U of S. 2016 - present. **Zeinab Momeni**, PhD program. The role of glucose in hippocampal cell function, Physiology. 2014 - present. **Akanksha Baharani**, PhD program. Identification of cellular pathways that are dysregulated in Huntington's disease. Biochemistry. 2015 - present. **Vijay Indukuri**, PhD program. The EphB6 receptor enhances the extrinsic apoptotic response in breast cancer cells, Biochemistry. 2014 - present. COMPREHENSIVE AND COGNATE EXTERNAL: **Xiaolei Yang**, PhD program. Antifibrotic mechanisms of tyrosine kinase inhibitors in hepatic fibrosis. Faculty of Pharmacy and Nutrition, U of S. 2017 - present. EXTERNAL EXAMINER: **Liam Potter**, PhD program. The MAO inhibitor phenelzine on pain and plasticity in the animal model EAE, Anesthesiology and Pain Medicine, University of Alberta. 2017 August 11.

TAIT C

ADVISORY COMMITTEE MEMBER: **Indiana Best**. MPH. Alignment of Métis cultural interventions in harm reduction services and treatment options for members of the Métis community who face problematic substance use in Saskatoon, SK. School of Public Health, U of S. 2018 - present. **Johanna Bergerman**. M.A. U of S, 2017 - present.

ZHANG Y

ADVISORY COMMITTEE MEMBER: **Kim, Jay**. MSc program. The effects of LFMS on post stroke depression. 2017 September - present. U of S.

PROVINCIAL FACULTY & MEMBERS



BATTLEFORD/NORTH BATTLEFORD

Duncan , David	MB-BCh	Assistant Professor
Ejezie , Okechukwu Chinedum	MB-BS	Assistant Professor
Mahmood , Yasin	MB-BS, FRCP(C)	Clinical Associate Professor
Nwachukwu , Kingsley	MB-BS	Assistant Professor
Obikoya , Olubankole	MB-ChB, CPM Ireland	Assistant Professor

CARLYLE

MacRae , Donald Keith	MD, FRCP(C)
------------------------------	-------------

LLOYDMINSTER

Oshodi , Abiola Olumide	MB-BS, FRCP(C)	Assistant Professor
Shinyanbola , Olafimihan	MB-BS, FRCP(C)	Assistant Professor

MOOSE JAW

Adewumi , Adegboyega Adebayo	MB-BS, FRCP(C)	Assistant Professor
Afolabi , Oyewale Ademola	MB-BS, FRCP(C)	Assistant Professor
Aghamelu , Uche Felix Obiora	BSC, MB-BS, DCP	Assistant Professor
Awad-El-Kariem , Sawsan Mustafa	MB-BS, MRCPsych(UK)	
Oke , Olumayowa, Abimbola	MB-BS	Assistant Professor

PRINCE ALBERT

Cooper , Lila	MB-ChB, FRCP(C)	Assistant Professor
Cruickshank , Lindsay	MB-ChB, FRCP(C)	Assistant Professor
Holmlund , James	MD, LMCC, FRCP(C)	Assistant Professor
Hussain , Mohammad Zulfiqar	MB-BS, FRCP(C)	Assistant Professor
Obosi-Odogwu , Evelyn Nkemdilim	MB-BS, MRCPsych(UK)	
Odogwu , Edward	MB-BS, FRCP(C)	Assistant Professor
Oladapo , Oladele	MB-BS	Assistant Professor

REGINA

Akeju , Oladipupo	MB-BS, FRCP(C)	Assistant Professor
Atigari , Anike Taiye	MB-BS, FRCP(C)	Assistant Professor
Atigari , Onome Victor	MB-BS, FRCP(C)	Assistant Professor
Bellows , Anne J. M. (RETIRED)	MD	Assistant Professor
Chen , Tung-Te (James)	MD, FRCP(C)	Assistant Professor
Chukwujekwu , Christopher Ifeanyi	MB-BS, MRCPsych(UK), FRCPC(C)	Assistant Professor
Damodharan , Senthil Kumar	MB-BS, FRCP(C)	Clinical Associate Professor
Durrani , Shazia	MB-BS, FRCP(C)	Assistant Professor
Eisa , Mohamed E.A.	MB-BS, MRCPsych(UK)	Assistant Professor
Falkenberg , Kornelia	MD, FRCP(C)	Clinical Professor
Gbinigie , Victoria	MB-BS, FRCP(C)	Assistant Professor
Haque , M. Samiul	MD, FRCP(C)	Assistant Professor
Harold , S. Brent	MD, FRCP(C)	Assistant Professor
Harrison , W. Ken	MD, FRCP(C)	Assistant Professor
Hatitchki , Bechedza	MB-B, Ch-BAO, MRC(Psych), FRCP(C)	Assistant Professor
Kumar , Patel Ramiah Vinod	MB-BS, MD	
Manikkam , Liane	MB-ChB, FRCP(C)	Assistant Professor
Masaud , Tawfik	MB-BCh, FRCP(C)	Assistant Professor
Natarajan , Dhanapal	MB-BS, FRCP(C)	Clinical Professor

REGINA, CONT'D

Odenigbo, Chukwuemeka
Olabisi, Oluwole
Papish, Andriyka
Reddi, Krishnavellie
Soyemi, Oladapo
Udoh, Godwin Ekpenyong
Verma, Kamla (**RETIRED**)

MB-BS, FRCP(C)
 MB-BS, FRCP(C)
 MD, FRCP(C)
 MB-ChB, FRCP(C)
 MB-BS, FRCP(C)
 MB-BS, MRCPsych(UK), FRCPC(C)
 MB-BS, FRCP(C)

Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor

SASKATOON

Adams, Stephen
Adams, Gheorghita, Camelia
Adelugba, Olajide Omolayo
Aftab, Huma
Ahmodu, Olorunfemi
Akindipe, Oyebukola
Baetz, Marilyn
Baillod, Alanna
Balbuena, Lloyd
Baziany, Azaad
Bennett, Vernon
Bodani, Rachana
Bowen, Rudy
Brennan, Stefan
Cherland, Esther
Chicoine, Curtis
Clark, Malin
Conacher, Heather
Coovadia, Mahomed Hoosein
D'Arcy, Carl
Davidson, Marla
DeSouza, Dawn
Denis, Melissa
Dungavell, Sara
Ehmann, Timothy
Felstrom, Anna
Gillies, Pam M.
Hendrickson, Donna Violet
Hinz, Tamara
Holt, Alana
Hooper, Monika
Karuthedath, Rajesh
Kok, Kevin (Dean)
Kukha-Mohamad, Shirwan Abdulla
Lau, Bienca
Lawson, Dennis
Lizon, Marina Josefa
Lodhi, Rohit
Lowry, Helen
Malcolm, Donna (**RETIRED**)
Marcoux, Eugene Samuel
Masood, Altaf

MD, FRCP(C)
 MSC, MD, FRCP(C)
 MB-BS, DCP
 MB-BS, FRCP(C)
 MB-BS, FRCP(C)
 MB-BS, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 PhD
 MD, MB-ChB, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, BSC, CM (McGill), FRCP(C)
 MD, FRCP(C)
 BA, MD, FRCP(C)
 MD, FRCP(C)
 BA, MD, FRCP(C)
 MD, CCFP, FRCP(C)
 MB-BCh-BAO, FRCP(C)
 PhD, BA, MA
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 BSC, MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MB-BS, FRCP(C)
 MD, FRCP(C)
 MB-ChB, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 MD, FRCP(C)
 TITULO, CRCP(C)
 MB-BS, MRCPsych(UK), FRANZCP
 MD, FRCP(C)
 PhD, MD, FRCP(C)
 MD, FRCP(C)
 MB-BS

Assistant Professor
 Assistant Professor
 Clinical Associate Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Professor & Provincial Head
 Assistant Professor
 Assistant Professor
 Clinical Associate Professor
 Associate Professor
 Assistant Professor
 Professor
 Assistant Professor
 Associate Professor
 Assistant Professor
 Clinical Associate Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Clinical Associate Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Clinical Associate Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Assistant Professor
 Clinical Associate Professor
 Clinical Associate Professor
 Clinical Professor
 Clinical Associate Professor
 Clinical Associate Professor
 Assistant Professor
 Assistant Professor
 Associate Professor
 Clinical Professor
 Assistant Professor

SASKATOON, CONT'D

Mela , Mansfield	MB-BS, FWACP, MRC (PSYCH), MSC, FRCP(C)	Professor
Mousseau , Darrell	PhD	Professor
Okoro , Emmanuel	MB-BS	Assistant Professor
Okunola , Olubusola	MB-BS, FRCP(C)	Assistant Professor
Peluola , Akinlolu Okalekan	MB-BS, FRCP(C)	Clinical Associate Professor
Porter , David	MD, FRCP(C)	Assistant Professor
Qayyum , Saba	MD, FRCP(C)	Assistant Professor
Quinn , Declan	BA, MB-BCh-BAO, FRCP(C)	Professor
Rahmani , Mohammad F.	MB-BS, FRCP(C)	Assistant Professor
Reisner , Debra Marilyn	BSC, CCFP, MD, FRCP(C)	Assistant Professor
Renuka-Prasad , Mysore	MB-BS, FRCP(C)	Clinical Professor
Roccamatysi , Dawn	MD, FRCP(C)	Assistant Professor
Sarda , Madhav Prasad	MD, FRCP(C)	Assistant Professor
Tait , Caroline	PhD	Professor
Thorpe , Lilian U.	MD, FRCP(C)	Professor
Ukandu-Nduebueze , Chidinma	MB-BS, FRCP(C)	Assistant Professor
Uku , Raymond	MB-BS	Assistant Professor
Walz , Wolfgang	DIPL-Biol. Dr. RER.NAT(KONSTANZ)	Professor
Wanson , Annabelle	MD, FRCP(C)	Assistant Professor
Wanson , Laurent	MD	Assistant Professor
Zhang , Yanbo	PhD, MD, MB-BS, FRCP(C)	Assistant Professor
Zimmer , Rachelle	MD, FRCP(C)	Assistant Professor

SWIFT CURRENT

Ashtekar , Vijaykumar (RETIRED)	MB-BS, MRCPsych(UK)	Assistant Professor
Prasad , Venkata	MB-BS, FRCP(C)	Assistant Professor

WEYBURN

Oyebode , Omoniyi Dele	MB-BS, FRCP(C)	Assistant Professor
-------------------------------	----------------	---------------------

YORKTON

Adefolarin , Oluremi Adesina	MB-BS, FRCP(C)	Assistant Professor
Adenaike , Victor	MB-BS	
Erhaze , Irehuo Sylvester	MB-BS, MRCPsych(UK)	
Ogunbiyi , Ajibola Oladapo	MB-BS, DCP	

PROFESSOR EMERITI

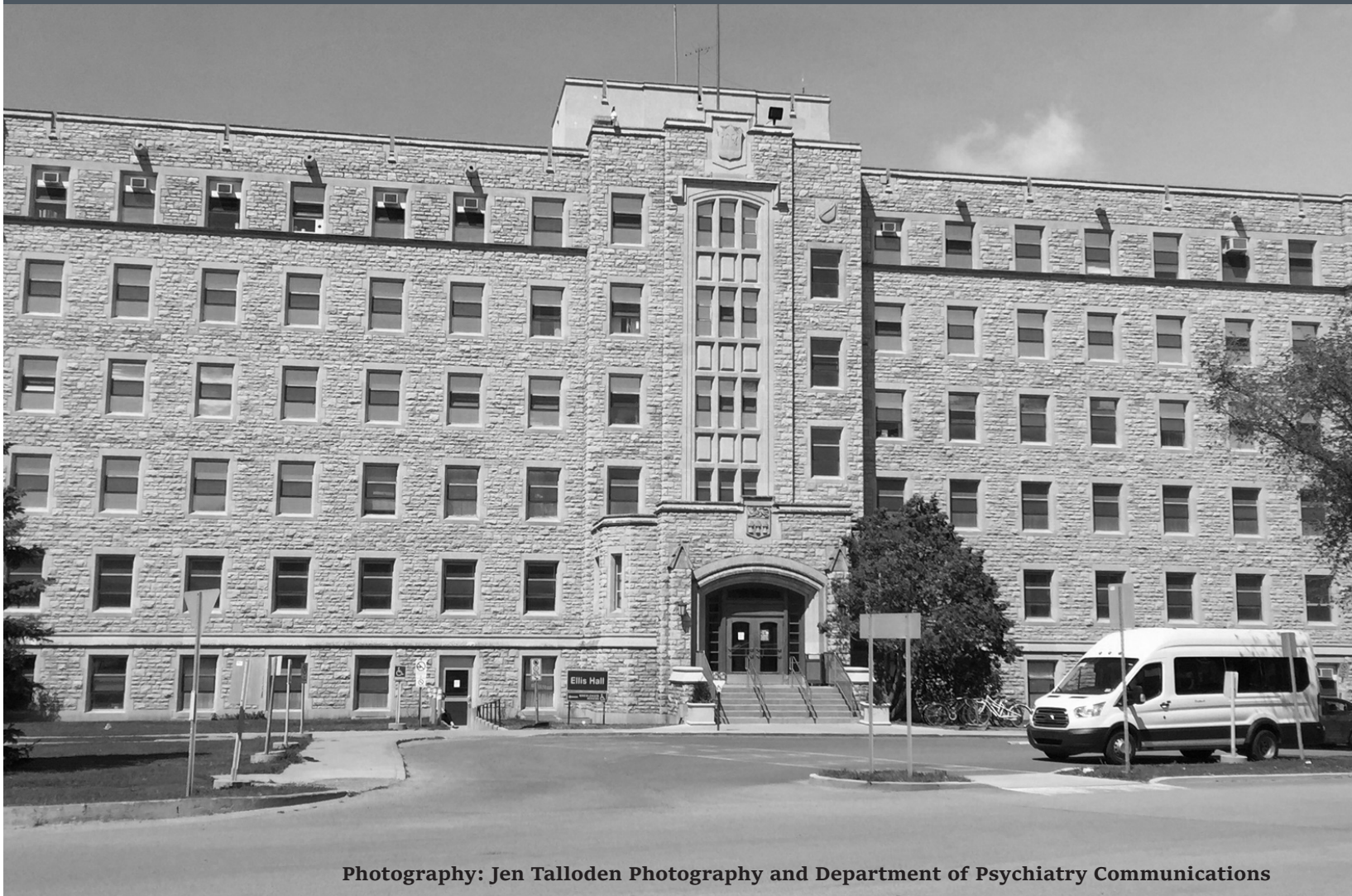
Blackshaw , Stella	MD, FRCP(C)	2014
Dyck , Lillian	PhD	2007
Juorio , Augusto	PhD	2002
Keegan , David	BA, MD, FRCP(C)	2004

COLLEGE OF MEDICINE — ASSOCIATE MEMBERS

Bowen , Angela	BSN, PhD	Nursing
Chlan-Fourney , Jennifer	PhD	Anatomy & Cell Biology
Howland , John	PhD	Physiology
Remillard , Fred	PhD	Pharmacy & Nutrition
Luther , Glen	LLB, LLM	Law
Dyck , Erika	PhD	History, Arts & Science

MISSION

To safeguard and enhance the well-being of persons with psychiatric disorders, through integration of scholarly activities, research, teaching, and optimal clinical care.



Photography: Jen Talloden Photography and Department of Psychiatry Communications

*Faculty, staff, and partners...
thank you for another successful year!*