I am pleased to present the 2015-16 annual report for the Department of Psychiatry, which is a Unified Department within the College of Medicine and the Saskatoon Health Region. This year was another busy and productive year, as we navigated the challenges and opportunities of transition and change, in both organizations.

accreditation & subspecialty program developments
The College of Medicine met a major milestone as it successfully came off probation this year. This was accomplished with the active participation of all faculty and much hard work on the standards under review.

The Psychiatry Postgraduate Medical Education program underwent a full external review by the Royal College with a result of full accreditation. Thanks to each faculty member who played a part. Many thanks to Dr. Marla Davidson and her cohort of faculty who worked very diligently on all of the components!

Other academic highlights were the accreditation of the Child & Adolescent Subspecialty Program (PGY5/6) for our department and submission of the Forensic Psychiatry Subspecialty Program (PGY6) documentation to the Royal College for accreditation as a subspecialty in our department as well. There is excitement about the development of these two programs and we look forward to residents entering these high needs specialties.

new UGME curriculum
Thanks to Dr. Vern Bennett for leading the development of the Psychiatry portion of the new 2+2 curriculum which was yet another monumental task. This was the last year, in which we had the delivery of both the old and new curriculum, which involved a double cohort of teaching, for both our Saskatoon and Regina faculty.

academic clinical funding plan (ACFP)
The College of Medicine was also actively involved in the MD transition, in which there was support for current university faculty to transition into alternate funding arrangements. This involved the development of alternate funding programs for Psychiatry, with academic and clinical deliverables, providing a unique opportunity for adequately supporting research and educational endeavors, along with the clinical needs.
**recruitment**

We are excited for the opportunities for recruitment in both our academic and clinical activities. We were able to recruit a PhD Scientist to help enhance clinical research; we successfully recruited an MD-PhD Clinician Scientist, child psychiatrist and general adult psychiatrist into alternate funding arrangements to help offset relocations and/or retirements.

**affiliations/research development**

As a department, we continue to be actively involved within the College of Medicine administration and academic endeavours. Our relationship with the Regional Psychiatric Centre has been re-established with the Memorandum of Understanding and active involvement on the Board. The College of Medicine has continued to support research development in the department with members involved in current grants totaling close to $8 million, with subsequent publications/presentations coming from these.

**quality improvement**

The provision of evidence-informed, quality clinical services to the population of the Saskatoon Health Region and beyond, remains our goal.

We have continued to work on Quality Improvement projects, advocated for alternate settings and models of care for our patients, and dealt with the ongoing challenges of access, overcapacity, and resource limitations within the province and health region.

I hope you enjoy our annual report, which outlines these many activities, and highlights our successes in the midst of the ongoing challenges outlined. We look forward to a bright future with our cohort of faculty, staff and learners.

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Dr. Marilyn Baetz
Unified Department Head
EDUCATION

~100 psychiatrists are CoM faculty in the province and 13 non-psychiatrists provide teaching to UGME, PGME and FMR’s throughout the province (5 Phd members, 6 associate, 5 adjunct, 4 professor emeritus)

Teaching sites:

• PGME- Saskatoon, Regina
• UGME – preclerkship Year 1&2 – Saskatoon and Year 2 - Regina
• UGME clerkship: Saskatoon, Regina and PA for clerkship
• FMR (psychiatry teaching) – Saskatoon, Regina, PA, North Battleford, Moose Jaw, Swift Current, La Ronge
The Department of Psychiatry provides innovative and engaging education programs that begin early in the MD Curriculum and proceed to span the entire medical education lifespan. The learners, to whom we are responsible, enjoy the benefits of enthusiastic clinical educators delivering programs in several sites in Saskatchewan (including Saskatoon, Regina, Prince Albert), and itinerant clinical teaching opportunities in several rural, and remote northern clinics. We are fortunate that a number of Department members have achieved education-related representation (Royal College Specialty Training Committee, RC Examination Board, RC Program Directors Advisory Committee, etc.)

During the 2015 – 2016 academic year, there were a number of notable highlights. The teaching faculty participated in delivering the intensive Undergraduate MD clinical curriculum twice. In the fall, our faculty delivered the final Med III program as the previous MD curriculum transitioned into the new and completely redesigned 2+2 curriculum. Another important highlight, and further evidence of faculty and resident commitment to excellence in the delivery of mental health education, was demonstrated by the Residency Program receiving full accreditation (under the leadership of Dr. Marla Davidson). The Department also graduated its first Child Psychiatry subspecialist, Dr. Madhav Sarda.

**education committee roles**

In my capacity as Education Director, it is a pleasure to acknowledge each education director that provides leadership and innovation throughout the medical education developmental lifespan. First, a warm thank you and best wishes to Dr. Vu Pham and his family upon their move to beautiful Penticton. Dr. Pham provided exemplary leadership of the JURSI curriculum for several years. **Dr. Alanna Baillod** has kindly assumed leadership of this portfolio and draws on the depth of experience from completing medical school and residency training in Saskatchewan. She has already established excellent working knowledge of the JURSI program. **Dr. James Chen** is the undergraduate and JURSI coordinator in Regina.

**Dr. Dawn DeSouza** continues to direct the Family Medicine program and this year efficiently coordinated the increased number of Family Medicine residents along with growing numbers of residents from other services.

**Dr. Marla Davidson** is the Psychiatry Residency Training Director, under whose leadership the residency program is thriving on two sites, Saskatoon and Regina, and this year we expanded the number of PGY-1 residents to eight! Congratulation is due, as Dr. Davidson was elected chair of COPE (Coordinators of Psychiatry Education). **Dr. Reddi Krishnavellie** is the site director in Regina and is to be acknowledged for the active enthusiasm demonstrated in enhancing the Regina resident training experience. **Dr. Malin Clark** is the Assistant Program Director.

**Dr. Bienca Lau** is the CME director and yet again further enriched our learning experience with the launch of the ‘Second Opinion’ panel discussion during Ground Rounds. The annual Academic Day has become an enduring CME event, drawing full attendance representing a diverse audience of Psychiatrists, Family Doctors, Psychologists, Nursing staff, Social Work and related Mental Health professionals.

The success of the Department education programs hinges on the very competent administrative support provided in Saskatoon (Ms. Holly Moldon, Ms. Joanie Bagalay), and in Regina (Ms. Krista Schultz), who essentially keep the systems working.

Pictured (L to R): Drs. Baillod, Lau, Davidson
The new 2+2 curriculum proceeded into its second year and during Term 2, Year 2 the Department offered the completely new mental health foundations module and concurrently the most intensive clinical skills development prior to beginning JURSI clinical rotations. The curriculum design draws on over 250 hours of combined faculty and resident teaching hours in Saskatoon and 150 hours in Regina. A significant group of engaged faculty participated in the launch of this program and I wish to extend particular thank you to Dr. Marcel D'Eon and Josh Lloyd (COM Education Office) for their expertise in curriculum development and assessment design. The new curriculum emphasizes the CASE model (Cooperative, Active, Self-Directed, and Experiential). In the large group sessions, the focus is on interaction, employing patients with lived experience, virtual debates and a novel anti-stigma ‘blog’ exercise. The clinical skills course is concurrent with large group sessions, imbedding actual patients, which significantly enhances the clinical learning curve.

- Dr. Vern Bennett
Education Director

clerkship

It has been a busy year with many changes to the clerkship curriculum. Dr. Baillod kindly accepted the role as Clerkship director in January 2016, following several years of stellar leadership by Dr. Pham.

The clerkship directors and site-coordinators across all disciplines were busy updating the curriculum objectives in anticipation of the new 2+2 curriculum, with the first cohort starting clerkship in August 2016. Dr. Baillod would like to extend a huge “thank you” to the Department members for their continued support of undergraduate medical education, particularly faculty who have volunteered to have medical students work with them during their 6-week block in psychiatry. The medical students have consistently provided positive feedback about their rotation in psychiatry and this is largely due to our dedicated faculty and residents. We will continue to need your support in the upcoming year, particularly during the extended overlap period from August 2016 to April 2017, during which time it is expected that approximately 70 students will rotate through psychiatry.

- Dr. Alanna Baillod
Clerkship Coordinator

The Department of Psychiatry acknowledges all of our faculty, almost all of whom are engaged in clinical teaching and many that play important leadership roles. The residents are also a key element in the delivery of education particularly at the undergraduate level and consistent with graded responsibility, the more senior residents mentor junior residents. We have a tradition of recognizing those residents and faculty that have made an outstanding contribution to the education advancement of the Department.

Faculty Teacher Award:
Dr. Gina Adams
Dr. Mohamad Eisa (not pictured)

Teaching Recognition
(50+ hours submitted to CoM):
Drs. Zimmer, Peluola, Felstrom (pictured), Baziany (pictured), Aftab, Hooper, Thorpe, DeSouza, Clark, Baillod (pictured), A. Wanson, Ehmann (pictured), Lowry, Lau (pictured), Lawson, Gillies
overview
The Department also provides postgraduate training to approximately a dozen residents each year including Emergency Medicine, Neurology, Pediatrics, Physical Medicine & Rehabilitation, and Community Health & Epidemiology. These rotations are carefully coordinated with the Family Residents core psychiatry training in order to optimize our teaching resources and learning experience.

family medicine rotations
Family Medicine residents are assigned a four-week rotation in Psychiatry as part of their two-year program.

Although we would like to have them for longer, we try to allow exposure to as much Psychiatry as possible in this brief period, recognizing that they will be the primary resource for many of our patients, as well as providing continued and shared care. Some of the core clinics and services they participate in include: General Adult Psychiatry, Child and Youth Psychiatry, Geriatric Psychiatry, Emergency Psychiatry Day and Night Call, and Maternal Mental Health. The residents are also expected to attend morning Resident Teaching Rounds and Psychiatry Departmental Rounds.

As the post-call absences had been interfering with planned clinics, they now do a mix of 24-hour call, as well as call that ends at midnight, allowing them exposure to both call experiences and the learning opportunities from the planned clinics.

looking ahead
We expect 12 first-year residents this academic year. Joanie and I would like to thank all the Faculty and Residents for the enthusiasm and dedication to teaching, and the willingness to accommodate the complex schedule, at times even stepping up at short notice to help out if necessary.

- Dr. Dawn De Souza, FMR Coordinator
The Psychiatry Residency Training program at the University of Saskatchewan is distributed across two sites and includes our Saskatoon and Regina campuses. There are twenty-two (22) residents in Saskatoon and eight (8) residents in Regina. The gender distribution of our program is 20 female and 10 male residents.

Innovations

Over the past year faculty, residents and staff at both the Regina and Saskatoon sites have actively participated in curriculum renewal. A few highlights include a new curriculum structure being proposed for the academic day didactic seminars, a revitalized psychotherapy curriculum and the addition of a basic interviewing skills course for PGY2 residents. The goals and objectives for all rotations were revised and rotation-specific In Training Evaluation Reports (ITERs) were developed. In Regina, faculty developed mock oral exam opportunities for residents on-site vs videoconference. Senior residents in Regina are now able to complete their Structured Assessment of Clinical Evaluation Reports (STACERs) in Regina rather than traveling to Saskatoon due to initiatives by the Regina faculty. A new model of service delivery was developed in Regina to match resident rotation needs such as dedicated inpatient and outpatient rotations, dedicated severe and persistent mental illness clinics, a concurrent addiction clinic as well as development of a consultation liaison psychiatry service.

Residents at both sites have been committed to advocacy through the health advocate role. In Saskatoon, the residents are continuing to engage with MHAS and community partners by providing public education about mental health and engaging in “Break the Barrier”, whose goal is to reduce stigma and create community support for people suffering with mental health and addictions issues in the Saskatoon region through community events and activities. Residents in Regina provide public education through collaboration with the Schizophrenia Society.

The residents in Regina are currently working on an initiative to beautify the stairwell between the inpatient psychiatry unit and outpatient recovery program utilizing a large art project completed in collaboration with patients who suffer from mental illness and addictions in the Regina Health Region. The residents aim to secure funding through an Arts Board Grant, and will be looking to collaborate with a local artist and in-house therapy support staff to shape the project.

Our program, under the leadership of Dr. Esther Cherland, has received RCPSC approval as an accredited child psychiatry subspecialty training site and the first Child Psychiatry Subspecialty resident completed the program in June 2016. Under the leadership of Dr. Azaad Baziany, our program has submitted an application to become an accredited Forensic Psychiatry Subspecialty Program.

Resident research

Under the guidance of Dr. Rudy Bowen and support from Dr. Tom Graham, the residents have been active in research over the past year. Three (3) residents presented at the national Canadian Psychiatry Association Meeting. Residents also participate in presenting at a number of international conferences with two resident presentations occurring this year. There were three (3) resident publications in peer-reviewed journals. Dr. Raghunath, PGY 3, was awarded a Royal University Hospital Research fund Grant for her research project proposal this year.

Dr. Zhang, PGY 5 resident, was selected for the 2015 Canadian Psychiatric Association Junior Investigator Research Colloquium, which is a program designed to provide guidance, mentorship and encouragement to young Canadian psychiatrists in the early phases of their training such that they can launch a successful, nationally funded research program.
resident medical education accomplishments

Through collaboration with key stakeholders in research, Dr. Porter, PGY-5 resident has developed a scholar curriculum that focuses on four pillars: lifelong learning, facilitating learning, critical appraisal, and development of new knowledge. This has included the development of guiding principles for presenting at resident journal club which included the formation of a database of critical appraisal tools, development of goals and objectives for journal club as well as an assessment rubric to assess the resident’s performance at facilitating journal club.

Dr. Campbell, PGY-5 resident, facilitated renewal of the psychotherapy curriculum which included mapping the original curriculum to the RCPSC Objectives of Training and training targets published by the Canadian Psychiatric Association. This included a developmental learning model beginning with basic knowledge of normal psychological development and skills in supportive therapy, and progressing to foundational knowledge in psychodynamics and Cognitive Behavioural Therapy (CBT) and finally to more advanced knowledge in all modalities. Psychotherapy Objectives and ITERS were updated and a new assessment tool was created for direct supervision of crisis intervention and supportive psychotherapy.

Dr. Riou, PGY-1 resident, developed a medical education project on teaching undergraduate medical students about stigma in mental health, which includes students completing a stigma reflection piece (which is assessed utilizing a rubric).

Dr. Sahlu, PGY-2 resident, was selected for the 2016-2018 American Psychiatric Association Diversity Leadership Fellowship which is designed to develop leadership to improve the quality of mental health care for minority groups at risk and underrepresented in psychiatry. The fellowship identifies and motivates psychiatry residents who – through the experiential and training opportunities of the program – will become well-equipped leaders in psychiatry by providing culturally sensitive mental health services to diverse and underserved populations.

resident awards

Dr. Porter, PGY-5 resident, has been selected as the recipient of the PGME Award for Excellence in the CanMEDS Manager Role and Leadership. This award recognizes exemplary leadership and efficient management in administrative roles in different settings.

Dr. Samra Sahlu, PGY-2 Regina resident, has also been selected as the recipient of the PGME Award for Excellence in the CanMEDS Health Advocate Role. This award recognizes excellence in health advocacy for individual patients, specific population groups, and underserved areas (local, provincial, national, and global), and advocacy for the specialty and/or profession.

Dr. Yanbo Zhang (Saskatoon), and Dr. Neda Abedi (Regina), were awarded the Department of Psychiatry Resident Teaching Awards for their outstanding contribution to medical education and excellence in teaching.
**Dr. Yanbo Zhang**
Dr. Zhang joined the Department of Psychiatry in July as an academic faculty member. His clinical interests focus on common psychiatric disorders in young adults, including ADHD, mood disorders, and anxiety disorders. He will be working as a consultant psychiatrist at the Student Health Centre on the University Campus. Dr. Zhang’s research role will include exploring treatment options for schizophrenia and mood disorders.

**Dr. Bukky Akindipe**
Dr. Akindipe will be joining the Hospitalist group at the Dube Center for Mental Health in January 2017. Her interests include short-term treatment, placement, and community supports for the acutely ill. She has special interests in psychotic disorders and forensic psychiatry. She will be working with her colleagues to develop protocols that will ensure smooth flow of patients through the acute care facility. She will be involved in teaching and training medical students and residents, especially in the areas of emergency psychiatry and acute care.

**Dr. David Porter**
Dr. Porter opened his outpatient clinic in September 2016. His practice includes collaborative care at the Downtown Community Clinic, Ellis Hall, and rural clinics. His interests include mood, anxiety, and personality disorders, and the integration of medication and psychotherapy. In his academic role, he will be teaching at the UGME/PGME level, with a primary interest in the development of critical appraisal (within the Resident Journal Club), developing objectives for the new UGME curriculum, and being involved in the implementation of the Scholar Curriculum.

**Dr. Madhav Sarda (CAP Subspecialty Program)**
Dr. Madhav Sarda joined the department after completing his General Psychiatry and Child and Adolescent Psychiatry residencies here in Saskatoon. He’ll be involved in teaching and development at all levels of medical education as well as working clinically in the Division of Child and Adolescent Psychiatry, located in Ellis Hall.

**Missing: Dr. Shazia Durrani (Regina)**
After residency, Dr. Durrani joined the Regina Qu'Appelle Health Region as a Geriatric Psychiatrist.

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This year’s annual BBQ was held at the WDM in June. Highlights of the evening included resident & faculty teaching recognition/awards, resident graduate awards, and of course a performance from Psychiatry’s own “Singing Shricks”!

Many thanks to Ms. Joanie Bagalay, PGME Assistant, for organizing the night!

- Dr. Marla Davidson, Residency Training Director
September 2015
• “Does Tobacco Use Cause Psychosis? Systematic Review and Meta-Analysis” (Dr. Ashwati Raghunath, RIII)

October 2015
• “Effect of Aripiprazole Augmentation of Clozapine in Schizophrenia” (Dr. Masood, RIV)

November 2015
• “MDMA Assisted Psychotherapy for Treatment-Resistant PTSD” (Dr. Roccamatisi, RIV)

January 2016
• “Pragmatic Randomized Controlled Trial of Long-Term Psychoanalytic Psychotherapy for Treatment-Resistant Depression: The Tavistock Adult Depression Study” (TADS) (Dr. Wagner, RIII)

April 2016
• “Effectiveness of CTOs: The International Evidence” (Dr. Mitchell, RII)

May 2016
• “Treatment of Depression with Psilocybin” (Dr. Frost, RII)

The Residents’ Journal Club blossomed under the guidance of senior residents, Drs. Porter and Zhang. Dr. Porter created a rubric for evaluating each presentation, adding to the rigour of the activity.

Pictured above: Regina residents, along with Regina residency director, Dr. Reddi
As we said farewell to our residents in June, we welcomed eight (8) new Saskatoon/Regina residents in July 2016.

- Anjena Gandham (Saskatoon)
- Fiyin Peluola (Regina)
- Natasha Gattey (Saskatoon)
- Nerusha Selvendarajah (Regina)
- Lee-Anne Gilecki (Saskatoon)
- Evyn Peters (Saskatoon)
- Jennifer Waterhouse (Regina)
- Catherine Sutherland (Saskatoon)
### September 2015
- “Are you Watching What you are Watching?” The Role of Movies in Homicide Offences (Drs. Baziany, Mela)
- “Reconstructing Depression” (Dr. Bowen)

### October 2015
- “Mental Disorder Increases the Risk of Violence; Therefore All Psychiatrists Should Know how to Conduct a Violent Risk Assessment” (Drs. Mela, Baziany, Dungavell, Akindipe)

### November 2015
- “Mindfulness in Medicine” (Dr. Chakravarti)

### December 2015
- “Sleep & Psychiatry” (Dr. Bodani)
- “White Matter Deficits as a Treatment Target for Psychiatric Disorders: Information from Preclinical Studies” (Dr. Zhang)

### January 2016
- “DBT: How to Use Basic Strategies” (C. Sothmann, MA)

### February 2016
- “Neuropsychiatric Aspects of Parkinson’s Disease: A Review of Parkinson’s Disease Psychosis” (Drs. Thorpe, Mitchell)
- “Integrative Psychiatry: Definition, Applications, Implications for Treatment, and Opportunities in Academia” (Dr. Villagomez)

### March 2016
- “Using Group Medical Visits in the Treatment of Outpatient Mood & Anxiety Disorders: It’s Effective, Efficient, and Fun!” (Dr. Remick) *McKerracher Lecture Pictured to the right
- “Hearts and Minds: Social Accountability and Psychiatry” (Drs. Meili, Brennan, Santiago)

### April 2016
- “Early Onset Dementia: Case Discussion & Review” (Drs. Thorpe, Roccamatisi)
- “Second Opinion Panel: Forensic Q&A” (Drs. Luther, Mela, Skilliter)

### May 2016
- “A Public Health Perspective & Population-Based Strategies to Prevent Suicide” (Dr. Lesage)
- “Improving Outcome for People with Depression” (Dr. Bowen, Dr. Balbuena, T. Milne)

### June 2016
- “An Integral Piece; Psychotherapy in Psychiatry” (Drs. Gillies, Lowry, Mitchell)
- “Brain Stimulation for Adolescent Depression” (Dr. MacMaster)
- “From the Community: A Career Journey in Indigenous-Directed Prevention & Intervention Science” (Dr. Tait)
Thanks to the contribution of department members and others, grand rounds continue to be highly anticipated and well-attended. The 2015-16 season topics covered: forensic psychiatry, mood disorders, education, dementia, basic neuroscience, neuropsychiatry, mindfulness, social accountability, sleep disorders, integrated health, forensic psychiatry, alternative format of practice, psychotherapy, neurostimulation, and yes, forensic psychiatry.

We kicked off with Drs. Baziany and Mela analyzing the influence of violent movies. The dynamic duo then split up and faced off each other, along with their resident counterparts, Drs. Dungavell and Akindipe, in a debate about mental illness in violence. In April, Dr. Mela teamed up with Prof. Glen Luther and Dr. Skilliter in the inaugural panel for the “Second Opinion Series”, and addressed thought-provoking questions submitted by audience members weeks ahead of time. As Dr. Mela pointed out, “everyone hates lawyers, but they all love their own lawyer”. Hands down, Prof. Luther was our favourite lawyer!

Apart from seasoned presenters including: Drs. Bennett, Bowen, Brennan, Gillies, Lowry, Mousseau, Thorpe; we heard from new faculty members: Drs. Balbuena, Bodani, and Villagomez. We had great participation from residents: Drs. Akindipe, Dungavell, Mitchell, Roccamatisi, Santiago, Skilliter, Zhang, as well as medical student, Tom Milne. Of note, after cohorts of psychiatry residents have been groomed by the wisdom of Drs. Gillies and Lowry, the wider audience finally got to experience some of it when they teamed up with Dr. Mitchell in the Second Opinion panel on psychotherapy.

We were joined by Dr. Chakravarti from Anesthesia on mindfulness; Dr. Meili from Family Medicine on Social Accountability; Dr. D’Eon from Community Health & Epidemiology; and Dr. Wood from Emergency Medicine on Medical Education. Ms. Sothmann from the Regional Psychiatric Centre (RPC) spoke about incorporating DBT techniques in our daily practice. Our special guest for the McKerracher lecture was Dr. Remick from UBC, who introduced us to the use of group medical visits in psychiatry. Dr. McMaster from U of Calgary presented on his fascinating research on the use of TMS in adolescents.

The Quality Improvement Rounds provide rich opportunities for stimulating discussion of challenging cases, in a confidential and supportive environment. This year the topics covered include: sexual addiction, malingering, mental health services act and the appeal process, physician-assisted death, binge eating disorder, psychopharmacology, and the controversial act of physician apologizing to patients.

- Dr. Bienca Lau, CME Coordinator
mental health
rounds & fast facts

We continue to present monthly Hospitalist Rounds with a wealth of topics and lively discussion.

We physically remove ourselves from the Inpatient Unit, restrict attendance to Inpatient Psychiatrists, involving Residents and pertinent Outpatient Psychiatrists to provide an open forum for problems unique to us, apart from all other disciplines.

Attendance continues to be high and cases from the floor are often profoundly difficult. The intention of the Rounds is to be completely case-based. 30 minutes on average is spent on each case, with 8 Rounds per year.

-Dr. Gene Marcoux

- Mental Health visits to ED outpaced all other visits- up to 18% over 5 years, compared to 6% for all other services

- ~9000 mental health visits to ED in Saskatoon per year: 11% are <18 years and 7% >65 years

- 2/3 of mental health patients visit ED between 4PM and 8AM

- Psychiatry consults increased 50% over 5 years

- Admissions and discharges increased by 10% but re-admissions stayed below national average

- Length-of-stay for typical cases decreased by 5 days

- Adult Psychiatry: ~21000 patient days
- Child Psychiatry: ~3000 patient days

- ~600 consultations to medical /surgical wards per year
clinical services & programs

• **Inpatient Services: Irene & Leslie Dube Centre for Mental Health**  
  Inpatient Psychiatrists/Hospitalists: Drs. D. Lawson, A. Wanson, M. Renuka-Prasad, A. Syed, M. Hooper

• **Emergency Services**  
  Crisis Consultants: Drs. H. Aftab, M. Hooper, A. Syed, A. Baillod, S. Dungavell

• **Urgent Care Services (Rapid Assessment Clinic)**  
  Consultant: Dr. C. Chicoine

• **EPIP (Early Psychosis Intervention Program)**  
  Consultants: Drs. Holt, S. Adams, T. Hinz, M. Clark

• **Consultation-Liaison: RUH/SCH/SCH**  
  C/L Consultants: Drs. Aftab, L. Wanson, M. Renuka-Prasad, L. Thorpe

• **Clozapine Clinic**  
  Consultants: Drs. G. Marcoux, K. Kok

• **Maternal Mental Health Clinic**  
  Consultants: Drs. M. Baetz, H. Aftab

• **Rural Clinics:**  
  Rosthern, Lanigan, Rosetown, Outlook, Biggar, Kindersley, Humboldt, Ranch Ehrlo
“This has been a very busy and exciting 12 months!” - Dr. Declan Quinn, Division Head

patient care & clinical services
We continue to run a 24-hour, 365 day of the year emergency child and adolescent psychiatrist service to the Royal University Hospital Emergency Department and support a dedicated 10-bed inpatient unit for children and adolescents. Dr. Denis provides Pediatric Consultation-Liaison services, and we are looking at how to effectively expand the Consultation-Liaison team to meet the needs.

The wait list time for assessment is still close to 18 months for non-urgent consultations. To deal with this issue we have developed a pooled referral system, and continue to partner with Saskatchewan Health to find solutions to reduce wait times.

manpower & recruitment
Currently, there are twelve (12) identified child and adolescent psychiatrists registered the College of Physicians and Surgeons. This is in the Saskatoon Health Region. We have never had this number before. All of these individuals also involved in teaching with the College of Medicine and other colleges on campus, as well as other agencies in the community. Despite the high number of identified child and adolescent psychiatrists, this probably only amounts to about seven full-time equivalents; we need 15 full-time equivalents!

research activities
There is ongoing research in the area of Attention Deficit Hyperactivity Disorders and Oppositional Defiant Disorder. We continue to be a center of excellence for conducting pharmacokinetic studies in children and adolescents. This research has been presented as poster presentations over the last 12 months. It was presented at the American Professional Society for ADHD and related disorders in January 2015 in Washington, DC, and also the World Federation of ADHD International Conference in Glasgow in May 2015.

Additional research activities will involve using the World Health Organization Disability Assessment Scale (WHODAS) in assessing impairment in children attending child and youth to mental health services in child and adolescent psychiatry.
educational activities
We are an accredited training program of the Royal College of Physicians and Surgeons Canada for subspecialty training for Child and Adolescent psychiatry. Our first PGY-6 trainee completed their training in June 2016. We also provide direct teaching around child and adolescent psychiatry to family medicine, pediatric residents, general psychiatry residents, and medical students at all levels. We have developing field notes in Child and Adolescent Psychiatry as a teaching tool.

other activities
Members of our department are actively involved in a variety of professional organizations advocating for child psychiatry. This includes the Canadian Academy of Child and Adolescent Psychiatry, the Canadian ADHD practice guidelines group and the World Federation of ADHD. There have been many local presentations given to the community about children's mental health.

summary
The child psychiatry group is expanding and attracting more students to pursue electives, and subsequently, a career in Child and Adolescent Psychiatry. The group is energetic and works very well in a collaborative basis, in trying to improve children's mental health and we should see successful growth and development over the next three years. Dr. Declan Quinn stepped down as Division Head in June of 2016 (he was Division Head 2007 - 2016), and Dr. Anna Felstrom has taken on this position.

Recognition of CAP Program Director
Dr. Esther Cherland was recognized for all her work in developing the Child & Adolescent Subspecialty Program, which accommodated its first resident, Dr. Madhav Sarda, in 2015-16.
vision

- to provide a very high level of training in forensic psychiatry
- to be leaders in the development and use of evidence-based models of forensic assessment and intervention.

It is my pleasure to report on another exciting year as Division Head of forensic psychiatry. The 2015-16 academic year has seen a couple accomplishments for the division.

forensic subspecialty application

In April 2016 we submitted the Royal College application for accreditation of a subspecialty training program in Forensic Psychiatry. Currently we are in the process of preparing a response to a letter we received from Royal College’s Residency Accreditation Committee and clarifying several identified areas in the application. The division worked hard on this application and we are hoping to have a fellow begin training in 2017.

education

The division and its members are actively involved in promoting education, training psychiatry residents and teaching undergraduate medical students.

service demands

The demands for psychiatric services, assessments and treatments of incarcerated mentally ill individuals, are increasing in the prairie region- and across the country. To address this increasing need, the Correctional Service Canada (CSC) entered into another Memorandum of Agreement (MOA) providing grant funding to the University of Saskatchewan. This was created to provide a forensic subspeciality resident with financial sponsorship. Our division was involved in the initial preparation and consultation of this MOA between CSC and the University of Saskatchewan.

I would like to take this opportunity to thank the members of Forensic Division for their clinical and academic commitments.

- Dr. Azaad Baziany, Division Head
service demands
It has been a busy year for the Senior’s Mental Health Team. We have experienced an increased demand on our services, which has been a challenge for the team. Dr. Baillod has been working with the Home First Team and Senior’s House Calls project, providing much needed services to seniors in their homes. Dr. Baillod also successfully wrote the Geriatric Psychiatry subspecialty exam in September 2015. Dr. Davidson has continued to provide services to long-term care and outpatients. Dr. Thorpe has been very busy providing consultation-liaison services at SCH as well as providing consults in LTC. Dr. Prasad has maintained his busy clinical practice even with being the president elect of the CPA. He continues to provide inpatient and outpatient care to the geriatric population, as well as outreach services to LTC.

looking ahead
As with all areas of Mental Health, the SMHT has struggled with limited resources and we continue to be at just 15% of national benchmarks for Geriatric Psychiatry resources. Despite these challenges, the team remains optimistic that we will continue to expand in the coming years and we will continue to work towards providing optimal services to the geriatric population.

- Drs. Thorpe, Davidson, Renuka-Prasad, Baillod
October 30, 2015- Waitlist Retreat

Facilitated by: Lana Larson, MoH, KPO Lead Specialist

34 Psychiatrists, 7 residents, along with special guests (including GPs, MH&A staff, patients, clinical staff and Ministry of Health staff participated in brainstorming ways in which to improve Psychiatry waitlist demands.

April 8, 2016- Academic Day

Presenter: Dr. Christine Padesky

This year’s Academic Day was very well-attended by 170 registrants.

The theme for the day was “An Update on Cognitive-Behavioural Therapy: Targeting Mood-Specific Skills Using Mind Over Mood 2”
full professors
Baetz, Marilyn
Bowen, Rudy
D’ArCY, Carl
Mela, Mansfield
Mousseau, Darrell
Quinn, Declan
Thorpe, Lilian
Walz, Wolfgang

clinical professors
Keegan, David
Kukha-Mohamad, Shirwan
Marcoux, Eugene
Renuka-Prasad, Mysore

associate professors
Bennett, Vern
Cherland, Esther
Tait, Caroline

clinical associate professors
Adelugba, Olajide
Baziany, Azaad
Clark, Malin

assistant professors
Adams, Camelia
Balbuena, Lloyd
Davidson, Marla

clinical assistant professors
Adams, Stephen
Aftab, Huma
Baillod, Alanna
Bodani, Rachana
Brennan, Stefan
Campbell, Stacy
Cavanagh, Monica
Chicoine, Curtis
Conacher, Heather
Denis, Melissa
De Souza, Dawn
Dungavell, Sara
Ehmann, Timothy
Felstrom, Anna
Hendrickson, Donna
Hinz, Tamara
Holt, Alana
Hooper, Monika
Khitab, Aaron
Lowry, Helen
Okunola, Olubusola
Pham, Vu
Qayyum, Saba
Rahmani, Mohammad
Reisner, Debra
Shurshilova, Elena
Syed, Asma
Villagomez, Amelia
Wanson, Annabelle
Wanson, Laurent
Zimmer, Rachelle

clinical lecturer
Wei, Zelan

professor emeritus
Blackshaw, Stella
Dyck, Lillian
Juorio, Augusto
Keegan, David

In Summary...
(Saskatoon)

01 clinical lecturer
31 clinical assistant professors
10 clinical associate professors
04 clinical professors
03 assistant professors
03 associate professors
09 full professors
44 affiliated members
05 adjunct members
06 associate members
13 non-psychiatry faculty
04 professor emeritus
affiliated members

Regina
clinical professors
Falkenberg, Kornelia
Natarajan, Dhanapal

clinical associates
Damodharan, Senth
Messer, Charles

clinical assistants
Akeju, Oladipupo
Atigari, Anike Taiye
Atigari, Onome Victor
Bellows, Anne
Chen, Tung-Te (James)
Chukwujekwu, Christopher
Eisa, Mohamed
Gbinigie, Victoria
Haque, M. Samiul
Harold, S. Brent
Harrison, Ken
Odenigbo, Chukwuemeka
Olabisi, Oluwole
Papish, Andriyka
Reddi, Krishnavellie
Udoh, Godwin
Verma, Kamla

Lloydminster
clinical assistant
Oshodi, Abiola
Shinyanbola, Olafimahan

Moose Jaw
clinical assistants
Adewumi, Adeboyega
Afolabi, Oyewale Ademola

North Battleford
clinical associate
Mahmood, Yasin

clinical assistants
Akande, Tinuola
Ejezie, Okechukwu
Nwachuiwu, Kingsley
Ogunsona, Adeoluwa

Prince Albert
clinical assistants
Cooper, Lila
Cruickshank, Lindsay
Hussain, Mohammad Z.

clinical lecturer
Taj, Anita

Swift Current
clinical assistants
Ahmodu, Olorunfemi
Ashtekar, Vijaykumar
Venkata, Narasimha

Weyburn
clinical assistants
Oyebode, Omoniyi

Non-Psychiatrist
Community Faculty
Bonli, Rupal
Ebert, Don
Hadjistavropoulos, Heather
Hart, Regan
Helmer, D'Arcy
Hillis, Sarah
McLeod, Melanie
Owens, Katherine
Pancyr, Glenn
Peebles, Jason
Phillips, Dawn
Vrbancic, Mirna
Wilson, Laurene

Associate Members
Bowen, Angela (Nursing)
Chlan, Jennifer (Anatomy & Cell Biology)
Dyck, Erica (History)
Howland, John (Physiology)
Luther, Glenn (Law)
Remillard, Alfred (Pharmacy & Nutrition)

Adjunct
Block, Gerald (Calder Center)
Deng, Yulin (Beijing)
Gu, Deqiang (RPC)
Li, Xin-Min (U of A)
Tempier, Raymond (Ottawa)
clinical research

purpose
Clinical Research strives to expand departmental clinical research, which addresses patient-related questions. All residents are now involved in research projects. We are moving towards including patient input and feedback into all projects.

research support
Under the supervision of Dr. Rudy Bowen, Dr. Izabela Szelest (Research Facilitator) was hired in July 2016, filling the role of Dr. Tom Graham, who left in June 2016. The department is actively searching for a new Research Officer. Several medical students during the summer and students from other faculties, such as Public Health, are now involved in clinical research.

resident research
The Resident Research Curriculum has been finalized with input from Dr. Dave Porter (resident), Dr. Tom Graham, Dr. Rudy Bowen, and Dr. Marla Davidson. All residents are expected to present a literature summary by their PGY-II year, and present a research poster by their PGY-V year. Resident Journal Club objectives, and corresponding assessment tools were also developed. Regina residents are included in all activities, with the support of Michelle McCarron, who will be moving to another position.

collaborations
The Department has several collaborators in other Departments of the University of Saskatchewan and the Saskatoon Health Region, including:

- Computer Science and University of Warwick, U of S (Dr. R. Bowen)
- Internal Medicine and Sleep Disorders (Dr. G. Adams)
- Infectious Diseases, VIDO (Dr. G. Adams)
- Forensic & Justice Studies and the RPC (Dr. Mela)
- College of Law (Dr. Mela)
- Public Health and Dr. Mela (Dr. D’Arcy)
- Children’s Mental Health Services – SHR (Dr. Quinn)
- Community Health & Epidemiology (Dr. Baetz)
- U.K. Biobank and University of Swansea (Dr. Balbuena)

looking ahead
With the introduction of the ACFP, we look forward to more faculty time dedicated to academics/research, thus increasing publications and grants. The Productivity of the department is listed in relevant sections.
Applied Research is a small research group in the Department with an interest in social and psychological risk factors for mental illness and mental health including the prevention of mental disorders. The research involves population health and epidemiological paradigms and the analyses of quantitative data from administrative databases, clinical files and large-scale community health surveys.

Recent projects have included: studying the effects of childhood abuse and maltreatment on the development of adult mental disorders; coping strategies and psychological well-being; the prevalence of depression among undergraduate students at a mainland university in northwest China; adult attention style and mental health care utilization; attention style and depression severity and trauma recollection; predictors of functional improvement in child and youth clients of public mental health services in Saskatchewan; the projected effects of child abuse and gender in externalizing and internalizing disorders. *see grants section of annual report.

As well as being a member of the Department of Psychiatry, Dr. D’Arcy has appointments and teaches in the School of Public Health (SPH), U of S and is a Guest Professor in the School of Public Health, Jilin University, China. He currently teaches a graduate course on the Epidemiology of Chronic Diseases, and is the Chair of the PhD in Epidemiology Program in the School of Public Health. He currently supervises (5) five SPH PhD Epidemiology students, and co-supervises an additional SPH PhD student and a PhD student in Health Sciences in the College of Medicine. He also acts as a Chair of Advisory Committees for an additional four PhD students. Dr. D'Arcy also reviews manuscripts for national and international scientific journals and for national and international granting agencies.

There are collaborative links with the clinical faculty in the Department and other researchers across campus as well as nationally (McGill) and internationally (Jilin University and the University of Macau).

The group was responsible for publishing (5) five articles in refereed journals, (3) three technical reports and relevant to the field, and 12 oral and poster presentations. The specifics of the group's papers and presentations can be found listed in the Publications and Presentation section of this Annual Report under the names of B Chireh, C D'Arcy, M Li, W Li, V Onaomo, X Meng, and S Wang.

The challenge facing Applied Research concerning increasing its research complement by recruiting qualified researchers, graduate students and postdoctoral fellows. Improved and timely access to administrative health care data for the Province of Saskatchewan with respect to mental illness and its treatment would provide a great opportunity to increase research productivity and the development of evidence-based policy with respect to mental health and illness in Saskatchewan.

- Dr. Carl D'Arcy
staff/recruitment
My research group includes two post-doctoral researchers and two technicians.
I recruited a MSc student (May 2016) and recruited another MSc student (Sept 2016).

achievements
My group received several travel awards this past year to participate in a Neuroscience Conference (University of Calgary) and a conference on Promoting Healthy Brain Aging and Preventing Dementia (Banff). In addition, posters presented at the Canadian College of Neuropsychopharmacology (Dalhousie) were very well-received. Members of my research group continue to act as judges at Science fairs; as hosts of high school students; as supervisors of Honors students. One of the highlights of this past year was my role as the organizer and host of the very first Neuroscience Research Day, which saw several of our U of S neuroscientists and a colleague from the U of R on the same stage as our keynote lecture, Dr. Graham Collingridge, the 2016 recipient of the Brain Award (the Neuroscience equivalent of the Nobel Prize). This Research Day was very well-attended and generated collaborations between Dr. Collingridge and two of our mid-career neuroscientists.

challenges & opportunities
The request for funds remains the greatest hurdle, but the limited availability of funds also teaches us to manage funds better and more efficiently. I plan to focus on writing manuscripts over the next year and bring my level of productivity back to where I expect it to be.

neuroscience cluster  - Dr. Wolfgang Walz

achievements
Dr. Walz is collaborating with Dr. Francisco Cayabyab (Associate Professor of Surgery) on a project which delineates the impact of an experimental lacunar infarct in a rat model on hippocampal neurodegeneration and hippocampal-dependent spatial memory deficits. Lacunar infarcts appear in vascular dementia and silent strokes. The hippocampus is responsible for spatial navigation and memory consolidation. It was found that this experimental stroke spatial memory deficits due to hippocampal neurodegeneration even though the location of the experimental stroke is far from the hippocampus.

This pathological effect could be reduced by targeting microglia activation. Microglia cells are the resident immune cell in the brain. A drug developed by Dr. Cayabyab which targets intercellular signaling in the brain could strongly minimize the detrimental impact of the stroke.

Dr. Walz is the editor of the Neuromethods™, a book series published by Springer Nature. He is also member of the editorial board of Springer Protocols by the same publisher.

education
Dr. Walz is teaching 30 lecture hours in two courses (Principles of Biomedical Sciences and Foundations of Clinical Medicine I) to medical students as well as serving as a module director in one of them. He is also a facilitator for two clinical cases for first year medical students (Clinical Integration II).
The expansion of mental health and addictions research related to Indigenous peoples expanded in the Department of Psychiatry in 2015-2016. The launch of First Peoples-First Person, a national Indigenous research hub of the Canadian Depression Research and Intervention Network occurred in 2015 with over 100 research and community participants attending from across Canada. First Peoples First Person, co-lead by Drs. Caroline Tait and William Mussell, is one of eight (8) Canadian Depression Research and Intervention Network (CDRIN) research hubs that focuses on the lived experience of persons with mental illness and evidence based research aimed at improving our understanding of mental illness and patient care. First Peoples-First Person has partnerships with researchers at Dalhousie University, University of Alberta, Lakehead University, University of Calgary, Thunderbird Partnership Foundation, First Peoples Wellness Circle, and the Mental Health Commission of Canada.

Dr. Tait gave five (5) media interviews, including an interview to a Budapest, Hungary newspaper. She served in an advisory capacity to the “Reconciliation in Mental Health International Leadership Exchange” held at Musqueam First Nation, BC., and to the Ontario HIV Treatment Network, Toronto, Ontario.

grants
In 2015-16, Dr. Tait led as Nominated Principal Investigator, a successful “letter of intent” for a Canadian Institutes of Health Research (CIHR) training grant. The full proposal will be submitted January 2017. This is a regional training proposal that draws together 13 institutions and 76 team members from across the North-West region of Canada. The research team is composed of senior Indigenous academics, mid-late career academics, new investigators, post doctoral fellows, graduate and undergraduate students.

The contribution of this training grant has greater capacity across post secondary institutions to successfully mentor Indigenous graduate/undergraduate students, post doctoral fellows, and new investigators as they commit to a career in academia. The proposal is built upon the U of S’s priority to “indigenize” the university and this grant brings a much-needed focus to the health sciences, both within the U of S and across the North-Western region of Canada.

awards
Dr. Tait received the “Lady Justice Award” from the Elizabeth Fry Society of Saskatchewan in Spring 2016. The award is given to members of the community who make a significant contribution to social justice change that improves the lives of women living in marginalized circumstances.

Pictured: Dr. Tait @ The Launch of “The Canadian Depression Research and Intervention Network’s Indigenous Hub- First Peoples-First Person” (Oct 2015)
<table>
<thead>
<tr>
<th>Investigators</th>
<th>Grant Title</th>
<th>Grant Source</th>
<th>Duration</th>
<th>Award Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adams, C. (PI), Skomro, R., McWilliams, L.</strong></td>
<td>The relationship between attachment, treatment compliance, and treatment outcomes in patients with Obstructive Sleep Apnea.</td>
<td>Royal University Hospital Foundation Research Grant</td>
<td>2014 - 2016</td>
<td>$24,750</td>
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<tr>
<td><strong>Adams, C.</strong></td>
<td>A biopsychosocial exploration of the relationship between childhood trauma, adult attachment and severity of depression and social anxiety in Saskatchewan.</td>
<td>Intramural Alfred G. Molstad Trust and Aruna and Kripa Thakur Award</td>
<td>2015 - 2016</td>
<td>$9,500</td>
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<tr>
<td><strong>Adams, G. (PI), D'Arcy, C. (Co-I)</strong></td>
<td>The impact of adult attachment on depression severity and trauma recollection over time.</td>
<td>College of Medicine Research Award</td>
<td>2016 - 2017</td>
<td>$29,280</td>
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<tr>
<td><strong>Andersson, N. (PI), Tait, C., et al.</strong></td>
<td>Aboriginal Health Research Networks (AHRNets) for Aboriginal Knowledge and Ways of Knowing competition.</td>
<td>Canadian Institutes of Health Research Network Grant</td>
<td>2014 - 2017</td>
<td>$600,000</td>
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<tr>
<td><strong>Balbuena, L.</strong></td>
<td>Distal, proximal and immediate antecedents of suicide.</td>
<td>Faculty Recruitment and Retention Program</td>
<td>2016 - 2019</td>
<td>$57,000</td>
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<tr>
<td><strong>Bowen, R. (PI), Osgood, N., Stanley, K., Baetz, M.</strong></td>
<td>Smartphone-enabled assessment of mood instability, depression and suicidal thoughts among pediatric inpatients at Royal University Hospital.</td>
<td>Royal University Hospital Foundation Research Grant</td>
<td>2015 - 2017</td>
<td>$25,000</td>
</tr>
<tr>
<td><strong>Caruncho, M. (PI), Kalynchuk, L., Bowen, R. (Collaborator)</strong></td>
<td>Analysis of membrane protein clustering in lymphocytes as putative biomarker of therapeutic efficacy in mood disorders.</td>
<td>Saskatchewan Health Research Foundation Establishment Grant</td>
<td>2014 - 2016</td>
<td>$118,000</td>
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<tr>
<td><strong>Damodharan, S.</strong></td>
<td>Predictive validity of the Brief Rating of Aggression by Children and Adolescents (BRACHA) tool on an inpatient adolescent unit.</td>
<td>Intramural Peter Matthews Enhancement Fund</td>
<td>2015 - 2016</td>
<td>$890</td>
</tr>
<tr>
<td><strong>D'Arcy, C.</strong></td>
<td>Does the mental health of those who quit smoking improve? Exploring the links between smoking and mental health.</td>
<td>Intramural Alfred G. Molstad Trust</td>
<td>2015 - 2016</td>
<td>$4,670</td>
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<tr>
<td>Name</td>
<td>Project Description</td>
<td>Funding Source</td>
<td>Funding Period</td>
<td>Amount</td>
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<tr>
<td>D'Arcy, C.</td>
<td>Formative evaluation and implementation of child &amp; youth mental health services client system outcome indicators 2014 -2015</td>
<td>Saskatchewan Ministry of Health</td>
<td>2015 - 2016</td>
<td>$ 55,000</td>
</tr>
<tr>
<td>D'Arcy, C.</td>
<td>Canadian research data centre network: Integrating new initiatives for a stronger future.</td>
<td>Social Science and Humanities Research Council</td>
<td>2015 - 2016</td>
<td>$30,545</td>
</tr>
<tr>
<td>D'Arcy, C.</td>
<td>Canadian initiative on social statistics (CISS) data training schools and research training centres.</td>
<td>Canadian Institutes of Health Research</td>
<td>2015 - 2016</td>
<td>$30,545</td>
</tr>
<tr>
<td>Davidson, M.</td>
<td>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.</td>
<td>Faculty Recruitment and Retention Program</td>
<td>2016 - 2019</td>
<td>$47,000</td>
</tr>
<tr>
<td>Davidson, M. (PI), Mela, M., Luther, G. E.</td>
<td>Modules for teaching forensic psychiatry for an interdisciplinary law and Psychiatry joint seminar and workshop series.</td>
<td>Intramural Department of Psychiatry Forensic Division Award &amp; Menzies Gray Research Endowment Fund</td>
<td>2015 - 2016</td>
<td>$1,977</td>
</tr>
<tr>
<td>Davidson, M. (PI), Mela, M., Luther, G. E.</td>
<td>Modules for teaching forensic psychiatry for an interdisciplinary law and Psychiatry joint seminar and workshop series.</td>
<td>Intramural Merlis Belsher Family Fund in Forensic Psychiatry</td>
<td>2015 - 2016</td>
<td>$3,270</td>
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<tr>
<td>Denis, M. (PI), Quinn, D., Raghunath, A. (Resident)</td>
<td>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.</td>
<td>Royal University Hospital Foundation Research Grant</td>
<td>2016 - 2018</td>
<td>$21,318</td>
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<td>Name</td>
<td>Project Title</td>
<td>Funding Source</td>
<td>Start - End</td>
<td>Amount</td>
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<tr>
<td>Marcoux, G. (PI), Willoughby, K., Balbuena, L., Denis, M., Sarda, M.</td>
<td>Toppling the giants: Taking on the clinical psychiatry waiting list.</td>
<td>Royal University Hospital Foundation Research Grant</td>
<td>2013 - 2015</td>
<td>$17,000</td>
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<tr>
<td>Mela, M.</td>
<td>Fetal Alcohol Spectrum Disorder Research.</td>
<td>CanFASD</td>
<td>2016</td>
<td>$60,000</td>
</tr>
<tr>
<td>Mousseau, D.</td>
<td>MSc stipend.</td>
<td>College of Graduate Studies and Research</td>
<td>2016 - 2018</td>
<td>$30,000</td>
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<tr>
<td>Mousseau, D.</td>
<td>Saskatchewan Research Chair in Alzheimer’s Disease and Related Dementias: What is depression, as a risk factor, revealing about early events in Alzheimer’s disease?</td>
<td>Saskatchewan Health Research Foundation/Alzheimer’s Society of Saskatchewan</td>
<td>2015 - 2020</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Mousseau, D.</td>
<td>What is depression, as a risk factor, revealing about early events in Alzheimer’s disease?</td>
<td>College of Graduate Studies and Research</td>
<td>2015 - 2020</td>
<td>$80,000</td>
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<tr>
<td>Mousseau, D.</td>
<td>What is depression, as a risk factor, revealing about early events in Alzheimer’s disease?</td>
<td>College of Medicine</td>
<td>2015 - 2020</td>
<td>$250,000</td>
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<tr>
<td>Meng, X. (PI), D'Arcy, C. (Co-I), Brunet, A.</td>
<td>Health and Lifestyle Information Survey 2013/14 – Reserve force data analysis and report writing.</td>
<td>Canadian Institute for Military and Veteran Health Research (CIMVHR)</td>
<td>2016 - 2017</td>
<td>$46,000</td>
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<tr>
<td>Author</td>
<td>Project Title</td>
<td>Funding Source</td>
<td>Amount</td>
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<td>-----------------</td>
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<tr>
<td>Tait, C.</td>
<td>First Peoples-First Person. Canadian Indigenous Depression Research and Intervention Network Hub.</td>
<td>Canadian Indigenous Depression Research and Intervention Network</td>
<td>$89,500</td>
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<tr>
<td>Tait, C.</td>
<td>First Peoples-First Person. College of Medicine</td>
<td>College of Medicine</td>
<td>$82,500</td>
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<tr>
<td>Tait, C.</td>
<td>Building Reconciliation Together: Transformative Intergenerational Mentorship.</td>
<td>Canadian Institutes of Health Research Training Grant: Indigenous Mentorship Network Program</td>
<td>$25,000</td>
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<tr>
<td>Tait, C.</td>
<td>White Buffalo Treatment Centre Horse Dance Ceremony.</td>
<td>White Buffalo Treatment Centre in Sturgeon Lake First Nation Amiskuses Semaganis Worme Family Foundation</td>
<td>$2,500</td>
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<td>Tait, C.</td>
<td>Development Grant: Indigenous Mentorship Network Grant.</td>
<td>Office of the Vice-President Research</td>
<td>$5,000</td>
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<tr>
<td>Tait, C.</td>
<td>Elder Support Grant: Indigenous Mentorship Network Grant.</td>
<td>Saskatchewan Centre for Patient Oriented Research</td>
<td>$2,000</td>
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<tr>
<td>Tait, C., Neudorf, C., Butt, P., Prettyshiled, K.</td>
<td>Transforming First Nations and Métis health services together: Development of research governance partnerships between First Nations and Métis communities and the Saskatchewan Health Region.</td>
<td>Saskatchewan Health Research Foundation (SHRF) Collaborative Innovation Development Grant</td>
<td>$40,000</td>
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<tr>
<td>Tait, C., Roberts, R., Schneider, B.</td>
<td>Building reconciliation through community based ceremony and healing.</td>
<td>Canada Fullbright Community Leadership Program (CPL) Grant</td>
<td>$6,834</td>
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<tr>
<td>Unger, M., Tait, C. (Collaborator)</td>
<td>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.</td>
<td>Networks of Centres of Excellence Renewal Competition</td>
<td>$1,200,000</td>
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<tr>
<td>Zhang, Y.</td>
<td>The effects of varying levels of stress and cuprizone treatment on behaviour and myelin pathology in the live brain and cells.</td>
<td>Faculty Recruitment and Retention Program</td>
<td>$215,000</td>
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<tr>
<td>Zhang, Y.</td>
<td>The Canadian Psychiatric Association Junior Investigator Research Colloquium Award.</td>
<td>Canadian Psychiatric Association</td>
<td>$500</td>
<td></td>
</tr>
<tr>
<td>Zhang, Y.</td>
<td>Management and leadership in administrative settings.</td>
<td>College of Medicine CanMEDS Award for Excellence</td>
<td>$500</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL $8,160,749**


publications
book chapters & reports


• Li, M., Chireh, B., D’Arcy C. (2016). Regina-Qu’Apple Health Region Mental Health and Addictions Services Child and Youth Client Profile: Well-being and Functioning Outcomes After Treatment. University of Saskatchewan, Saskatoon: Department of Psychiatry and School of Public Health.


• Mela M. (2016). Diagnostic and Intervention Team for Offenders with Fetal Alcohol Spectrum Disorder (DITOF) for Iqaluit Correctional Service.


presentations
scientific conferences


• Mousseau, D. D. Host. Organized the Neuroscience Research Day (June 7, 2016) and hosted the recipient of the 2016 Brain Award, Dr. Graham Collingridge: 2016 June: Saskatoon.

• Mousseau, D. D. Depression-related brain monoaminergic dysfunction correlates with the expression of Alzheimer disease-related proteins. Presentation at: Campus Alberta Neuroscience meeting, University of Calgary: 2015 October: Calgary.


• Nyarko, J. N. K., Quartey, M. O., Pennington, P. R., Dea, D., Poirier, J., Mousseau, D. D. The effect of APOE e4 on amyloidogenic cleavage of APP is more evident in female carriers of the allele. Poster presented at: The Santé Awards Evening; The Saskatchewan Health Research Foundation; 2015 December: Saskatoon.


- Pennington, P. R., Nyarko, J. N. K., Baker, G. B., Mousseau, D. D. The Serotonin Transporter genotype and protein: Does it have a role in Alzheimer Disease diagnosis and/or therapy? Poster presented at: The Santé Awards Evening; The Saskatchewan Health Research Foundation; 2015 December: Saskatoon.


reviews on activities in journals, funding agencies, conferences, and universities

- **Adams, C.** Peer reviewer: Nicotine & Tobacco Research; Social Psychiatry and Psychiatric Epidemiology; Advisory/search Committees: Biomedical Fellowship Review Committee, Saskatchewan Health Research Foundation; Chair/membership: Anxiety and Mood Program.

- **Balbuena, L.** Reviewer: Substance Use and Misuse; Peer reviewer: Predicting suicide using routinely collected electronic data, National Health Services (NHS) Wales University Health Board.

- **D’Arcy, C.** Reviewer: American Journal of Orthopsychiatry; BMC Family Medicine; BMC Psychiatry; Canadian Family Physician; Canadian Journal of Psychiatry; Journal of Applied Gerontology; Journal of Nervous and Mental Disease; Social Psychiatry and Psychiatric Epidemiology. Chair/membership: Advisory Committee of PhD Program in Epidemiology, School of Public Health (Chair); Management Committee, Saskatchewan Research Data Centre (SKY-RDC); National Coordinating Committee, Canadian Research Data Centres Network (CRDCN).

- **Mousseau, D.** Journal Reviewer: Cancer Letters; Journal of Medicinal Chemistry; Journal of Neuroscience Research; Neuroscience Letters. Grant Reviewer: Internal Reviewer, Canadian Institutes of Health Research (CIHR); Canada Foundation for Innovation (CFI); and internal applications, College of Medicine. External Reviewer: Animal Update Protocol, University of Regina; Biomedical peer review panel (Alzheimer Society Research Program.) Advisory/Search Committees: Search Committee for Neurochemist position (Neurology); Search Committee for Vice-Dean, Research External Review, College of Medicine; Review and Renewal of Dr. Marilyn Baetz (Department Head, Psychiatry). Chair: Scholarships and Awards Committee, College of Graduate Studies and Research; Chair: Student Appeals, Grievances and Academic Misconduct Committee, College of Medicine; Member: Nominations Committee, College of Medicine.

- **Tait, C.** Reviewer: Transcultural Psychiatry. Grant reviewer: HIV Implementation Science Component 1 Peer Review Committee-Canadian Institutes for Health Research (CIHR). Advisory/Search Committees: Canada Excellence Research Chair search committee in the Department of Indigenous Studies; University Council; Indigenous Faculty Group, the Gwenna Moss Centre for Teaching Effectiveness; Indigenous Health Committee, College of Medicine; Indigenous curriculum Committee, College of Medicine; President’s Visiting Committee, College of Medicine and Dentistry, University of Alberta; Rising Sun Scientific Advisory Group: “Reducing the Incidence of Suicide in Indigenous Groups—Strengths United Through Networks,” National Institutes of Health (NIH), Norwegian Institute of Public Health, National Institute of Public Health Denmark, and the Canadian Institutes of Health Research (CIHR).

- **Walz, W.** Reviewer: Neuroscience; Neuroscience and Biobehavioural Review. Series Editor: Springer Neuromethods Book Series. Grant reviewer: Department of Psychiatry Intramural Grants. Chair/membership: Department of Psychiatry Salary Review Committee; Canadian Institutes of Health Research (CIHR) Master Subcommittee of the Graduate Awards Committee, College of Graduate Studies and Research.

• **Adams, G.** Advisory Committee member: 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. Department of Psychology. 2014 – present.

• **Baetz, M.** Advisory Committee member, Agitha Valiakalayil, PhD, Stress and Depression Discourse on Self-Help Websites: What is their relationship in the on-line content., Doctoral, Department of Psychology, College of Arts & Science. 2008 – Sept 2015.

• **Balbuena, L.** Advisory Committee Chair: Hua Li, PhD program. Maternal mood instability in children at risk for behavior problems; Stigma in Asian immigrant women living with mental illness; Stigma in Chinese immigrant women who experience depression in pregnancy; Factor analysis of the affective lability scale in perinatal women. Health Sciences. 2016 – present.

• **Bowen, R.** Advisory Committee member: Hua Li, PhD program. Maternal mood instability in children at risk for behavior problems; Stigma in Asian immigrant women living with mental illness; Stigma in Chinese immigrant women who experience depression in pregnancy; Factor analysis of the affective lability scale in perinatal women. Health Sciences. 2016 – present.

• **D'Arcy, C.** Supervisor: Khrisha Aphoneus, PhD program. Multiple Sclerosis as a chronic disease. School of Public Health, Epidemiology. 2015 - present.

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

• **D'Arcy, C.** Supervisor: Batholomew Chireh, PhD program. Epidemiology of chronic disease in a developed and developing country. School of Public Health, Epidemiology. 2014 – present.

• **D'Arcy, C.** Supervisor: Vivian Onaemo, PhD program. Comorbidity between alcohol abuse, depression, and suicide ideation. School of Public Health, Epidemiology. 2013 – present.

• **D'Arcy, C.** Supervisor: Tamara Chambers-Richards, PhD program. Living with neurodegenerative diseases. School of Public Health, Epidemiology. 2013 – present.

• **D'Arcy, C.** Co-supervisor: Sudheej Krishnan, PhD program. Maternal drinking checklist: A tool to assess prenatal alcohol exposure. Health Sciences. 2014 – present. **Co-supervisor with Dr. Mela, M.**

• **D'Arcy, C.** Co-supervisor: Joseph Ohaya, PhD program. Addictions research. School of Public Health, Epidemiology. 2014 - present. Co-supervisor with Dr. Colleen Dell, Department of Sociology.

• **D'Arcy, C.** Chair, Advisory Committee: Dana Ramsay, PhD program. Antimicrobial resistance in food sources - a public health issue. School of Public Health, Epidemiology. 2014 – present.
• D'Arcy, C. Chair, Advisory Committee: Silvia Bermuda-Carrasco, PhD program. Cervical cancer inequities in Colombia. School of Public Health, Epidemiology. 2011 – present.

• D'Arcy, C. Chair, Advisory Committee: Mustafa Andkhole, PhD program. The epidemiology of prostate cancer in Saskatchewan. School of Public Health, Epidemiology. 2015 – present.

• D'Arcy, C. Chair, Advisory Committee: Kamalpreet Banga, PhD program. Epidemiology of postpartum depression and anxiety: Socio-cultural determinants and impact. School of Public Health, Epidemiology. 2012 – present.

• D'Arcy, C. Chair, Advisory Committee: Molly Trecker, PhD program. Thesis in the areas of infectious diseases. School of Public Health, Epidemiology. 2012 – 2016.


• Mousseau, D. Supervisor: Kaeli Knudsen, MSc, Biological Psychiatry program. Role of antidepressants in amyloid phenotypes in the C. elegans worm model. 2016 – present.


• Mousseau, D. Advisory Committee member: Akanksha Baharani, PhD program. Identification of Cellular Pathways that are Dysregulated in Huntington's Disease. Biochemistry. 2015 – present.


• Mousseau, D. Advisory Committee member: Zhubing Li, PhD program. The Inhibition of Hepatitis C Virus Infection. Vaccinology and Immunotherapeutics. 2013 – present.

• Mousseau, D. Advisory Committee member: Merlin Thangaraj, PhD program. Role of Sirt2 in myelination and oligodendrocyte development. Pharmacy. 2012 – present.

• Mousseau, D. Dean's Designate: Mohammad Badrul Masud, PhD program. Modeling dry and wet extremes over the Canadian prairie provinces based on the dynamical downscaling and multivariate frequency analysis approaches. School of Environment and Sustainability. 2016.

• Mousseau, D. Dean's Designate: Marc Morris, PhD program. Disease progression in Inflammatory Bowel Disease. Division of Nutrition. 2015.


• Tait, C. Supervisor: Carolyn Gaspar, MSc program. Transformational adolescent mental health research. 2015 – Present.
supervision
deans’s summer students

- **Diep, Danny.** Adult attachment and substance use. 2016 June – August. Volunteer. Supervised by *Dr. Adams, C.*

- **Head, Rachel.** Transformational research in adolescent mental health, Indigenous Youth Mental Health. 2016 May – August. Supervised by *Dr. Tait, C.*

- **Kudryk, Annalise.** Electron microscopic evidence of markers of premature aging in PS-1(M146V) mouse model of Alzheimer pathology. 2016 May – August. Supervised by *Dr. Mousseau, D.* and *Dr. Chlan, J.*

- **Muller, Marelize.** The impact of childhood abuse, neglect, and maltreatment on future offending and recidivism. Supervised by *Dr. Mela, M.*

- **Onasanya, Dara.** Examining if a 6-week forgiveness lesson program reduces recidivism in inmates with psychosis. Supervised by *Dr. Mela, M.*

- **Philipon, Olivia.** The relationship between attachment, treatment compliance, and treatment outcomes in patients with obstructive sleep apnea. 2016 May – August. Supervised by *Dr. Adams, C.*

- **Reiniger, Jessica.** Transformational research in adolescent mental health, indigenous youth mental health. 2016 May – August. Supervised by *Dr. Tait, C.*

- **von Dewitz, Brigid.** Attachment style and awakening cortisol in clients with Major Depressive Disorder with or without Social Anxiety Disorder. 2016 May – August. Supervised by *Dr. Adams, C.*

residents, summer students, undergraduate students

- **Andrahennadi, S.** Expression of SERT transcripts in human tissue and immortalized cells. Undergraduate Research Project, Honour’s project (PHPY 432.6). 2015 September – 2016 April. Supervised by *Dr. Mousseau, D.*

- **Asante, C.** Training in molecular biology. Undergraduate Research Project. 2016 June – August. Supervised by *Dr. Mousseau, D.*

- **Busse, L.** Effects of the familial Alzheimer’s disease associated presenilin-1 mutation M146V on entorhinal neuronal microstructure in mice. Summer Student. 2016 June – August. Co-supervised by *Dr. Mousseau, D.*

- **Chong, D.** First-year resident. Pharmacogenetics of Aripiprazole treatment response and adverse drug events in schizophrenia. Resident Research Project. 2016 May – July. Mentored by *Dr. Mousseau, D.*

- **Yanzhi, J.** Role of loss-of-function sel-12/presenilin-1 in the aging process. Biomedical Summer Research Project. 2016 May – August. Supervised by *Dr. Mousseau, D.*
**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.

**Purpose:** The Department of Psychiatry is a unified organization whose membership includes medical staff of the Saskatoon Health Region and Faculty (University and Community-based) of the University of Saskatchewan. The members are expected to work collaboratively under the leadership of a single Department Head. The members are dedicated to excellence in service, education, and research, and they 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 in other locations.
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Thank you to our Contributors: Drs. Baetz, Bennett, De Souza, Lau, Baillod, Bowen, Szelest, Mousseau, Walz, Tait, D'Arcy, Quinn, Baziany, Davidson

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