

Tamara Pringsheim, M.D., FRCPC



CURRICULUM VITAE

I. BIOGRAPHICAL DATA

Name TAMARA PRINGSHEIM
Date of birth March 7, 1971
Citizenship Canada and United States
Work address Mathison Centre for Mental Health Research and Education
4D72, TRW Building
3280 Hospital Drive NW
Calgary AB T2N 4Z6
tmprings@ucalgary.ca

Present Rank Associate Professor
Department Clinical Neurosciences
Cross-appointments Psychiatry, Pediatrics, Community Health Sciences
Faculty Medicine
Institution University of Calgary

Additional appointments
Program Lead, Tourette and Pediatric Movement Disorders
Deputy Director, Mathison Centre for Mental Health Research and Education
American Academy of Neurology, Evidence Based Medicine Methodology Consultant

II. ACADEMIC RECORD

Final degree Fellow, Royal College of Physicians and Surgeons of Canada, Neurology, FRCPC
Date completed 2005
Institution University of Toronto, Toronto, Canada

i. Undergraduate Doctor of Medicine (M.D.)
Date completed 1999
Specialty Medicine
Institution Queen's University, Kingston, Canada

Bachelor of Science (BSc P.T.)
Date completed 1995
Specialty Physical Therapy
Institution McGill University, Montreal, Canada

ii. Professional
Date completed 2005
Neurology (FRCPC)

iii. Graduate and post-doctoral
Date completed October 2005 to April 2008
Supervisors Anthony Lang and Paul Sandor
Institution University of Toronto, Toronto, Canada

Master of Science (MSc)
Date completed June 2008
Specialty Clinical Epidemiology
Title of thesis Pre and Perinatal Morbidity in Children with Tourette Syndrome and Attention Deficit Hyperactivity Disorder.
Supervisor Paul O'Connor
Institution University of Toronto, Toronto, Canada

Fellowship in Primary Headache Disorders
Date completed July 2000 to June 2001
Supervisors Michel Aube and Edith Hamel
Institution McGill University, Montreal, Canada

iv. Licensure, certification and boards

2008 – present College of Physicians and Surgeons of Alberta Licence
1999 – 2008 College of Physicians and Surgeons of Ontario Licence
2005 – present Fellow of the Royal College of Physicians and Surgeons of Canada
2005 Specialist Certificate, Neurology, Royal College of Physicians and Surgeons of Canada
1999 Medical Council of Canada Licence

III. AWARDS AND DISTINCTIONS

2015-2017 American Academy of Neurology
Salary award of \$90,000 per annum to provide evidence-based medicine methodology consultation for guideline projects

2014-2015 American Academy of Neurology Emerging Leaders Forum
One of sixteen neurologists chosen for a ten month leadership training program by the American Academy of Neurology

2012 Research Award, Tourette Syndrome Foundation of Canada

Award presented in recognition of the creation of evidence based guidelines for the treatment of Tourette Syndrome and related co-morbidities

- 2011 University of Calgary Department of Clinical Neurosciences, Division of Neurology Merit Award
Award given in recognition of the creation of the Calgary Tourette and Pediatric Movement Disorders Clinic
- 2009 Medical Award, Tourette Syndrome Foundation of Canada
This award is presented in recognition of a doctor or clinician for their outstanding service to individuals with Tourette Syndrome.
- 2005-2008 Clinician Scientist Program, Department of Medicine, University of Toronto
Funding program to allow completion of Master of Science in Clinical Epidemiology.
- 2005-2006 Doris Edwards Fellowship Award
Award provided for salary support for Movement Disorders/Neuropsychiatry fellowship
- 2004 University of Toronto Marotta Teaching Prize
For acknowledgement of excellent contributions to neurology resident education.
- 2002 American Headache Society and Ortho-McNeil Pharmaceutical Travel Award
For the abstract, "Selective effects of chronic administration of low-dose amitriptyline on serotonin synthesis rates in the raphe nuclei of the rat brain".
- 2001 Jacques Meloche Canadian Headache Society Essay Award
For the essay, "Cluster Headache: Evidence for a disorder of circadian rhythm and hypothalamic function".
- 2000-2002 Chosen to represent Canada in the Headache Masters Program, an international consortium of young investigators in the field of headache research meeting twice yearly.
- 1998 American Academy of Neurology Roland P Mackay Award
Honourable mention for the essay, "Phlegmatic humours or the wrath of God? Theories of epilepsy from antiquity to the renaissance".
- 1996 Medical Research Council of Canada Summer Scholarship
For the project, "In-patient treatment of chronic daily headache using dihydroergotamine: a long-term follow-up study".

IV. ACADEMIC APPOINTMENTS

- 2017 – present Deputy Director, Mathison Centre for Mental Health Research and Education
- 2016 – 2017 Visiting Reader in Neurology, St George's University of London
- 2016 – present Associate Professor, Department of Clinical Neurosciences, Psychiatry, Pediatrics, and Community Health Sciences, University of Calgary
- 2015 – present American Academy of Neurology, Evidence Based Medicine Methodology Consultant

2012 – 2016	Assistant Professor, Department of Clinical Neurosciences, Psychiatry, Pediatrics, and Community Health Sciences, University of Calgary
2008 – 2012	Clinical Assistant Professor, Department of Clinical Neurosciences, Psychiatry, and Pediatrics, University of Calgary
2008 – present	Full Membership, Alberta Children’s Hospital Research Institute, University of Calgary
2008 – present	Full Membership, Hotchkiss Brain Institute, University of Calgary

V. EDUCATIONAL ACTIVITIES

i. Undergraduate Teaching and Research Supervision- primary supervisor unless otherwise specified:

Undergraduate Teaching (medical/health professional students)

2013	Diagnosis and Treatment of Tourette Syndrome, Dalhousie University, 3 rd year Pharmacy students, 1 hour
2009 – present	Course 5, Second year medical school neuroscience course, University of Calgary Clinical core and small group preceptor, 6 to 12 hours per year
2003-2004	Brain and Behaviour Course, Second year medical school neuroscience course, University of Toronto Small group teaching, problem based learning, 12 hours
2001	Laboratory Demonstrator, Central Nervous System Anatomy course, McGill University School of Medicine
1996-1997	Prosector and Anatomy Teaching Assistant, Department of Anatomy and Cell Biology, Queen’s University

Undergraduate Research Supervision

2015 – 2016	Sydney Osland- Bachelor of Neuroscience, Honours Thesis (University of Calgary). Topic: At risk behaviours in youth and adults with Attention Deficit Hyperactivity Disorder.
2015	Jaeun Yang- Medical student, University of Alberta, Summer studentship. Topic: Health related behaviours in individuals with Tourette Syndrome.
2013 – 2014	Anne Le – Bachelor of Health Sciences, Honours Thesis (University of Calgary). Topic: Depression and suicidality in Parkinson’s disease. Co-primary supervisor with Dr. Nathalie Jette.
2013 – 2014	Benjamin Roth- Bachelor of Neuroscience, Honours Thesis (University of Calgary). Topic: Knowledge translation intervention study in children with Tourette Syndrome
2013	Amina Wu- Bachelor of Nursing student (McMaster University). Topic: Knowledge translation of the clinical guidelines on the treatment of Tourette Syndrome.

2012	Annie Poon- Bachelor of Sciences student (McGill University). Topic: Systematic review of risk factors for onset and progression of Tourette Syndrome, Huntington Disease, and dystonia.
2010 – 2012	Darren Lam – Bachelor of Health Sciences student (University of Calgary). Topics: (1) Systematic review on antipsychotic drug safety in children. (2) Pharmacoepidemiology of antipsychotics and antidepressant use in Canadian children. (3) Understanding the epidemiology of neurological conditions and building the methodological foundation for surveillance.
2010 – 2012	Lundy Day – Open studies student (University of Calgary). Topics: (1) Clinical practice guideline on Tourette Syndrome. (2) Understanding the epidemiology of neurological conditions and building the methodological foundation for surveillance.
2010	Tristan Knight – Medical student (Royal College of Surgeons Ireland). Topics: (1) Systematic review on incidence and prevalence of tic disorders. (2) Case series on adult onset tic disorders.
2009	Heidi Ching – Medical student (Albany Medical College). Topics: (1) Aripiprazole for autism spectrum disorder (Cochrane systematic review). (2) Systematic review on antipsychotic drug safety in children.
2008	George Francis – Medical student (University of Alberta). Topic: Systematic review on the treatment of cluster headache.

ii. Graduate Teaching and Research Supervision

Graduate Teaching

2014 – present Graduate course chair, Clinical Epidemiology MDCH647, Department of Community Health Sciences, University of Calgary Winter Session

Graduate Research Supervision

2016-2018 Bria Mele - Master of Science student. Thesis committee member.

2016-2018 Heba Elbayoumi – Master of Science student. Thesis committee member.

2016-2018 Cynthia Kahl – Master of Science student. Thesis committee member.

2014-2016 Kathryn Weins – Master of Science student. Thesis committee member.

2014-2016 Zahra Goodarzi – Master of Science student. Thesis committee member.

2014-2016 Lauren Hirsch – Master of Science student. Primary co-supervisor.

2013-2014 Jodie Roberts- Master of Science student. Thesis committee member.

iii. Postgraduate Teaching and Research Supervision

Postgraduate Teaching

- 2017 Adult movement disorders symposium. Organizer. University of Calgary. 4 hours.
- 2017 Pediatric movement disorders symposium. Organizer and lecturer. University of Calgary. 3 hours
- 2017 OSCE examiner, pediatric neurology residents, University of Calgary. 3 hours.
- 2017 OSCE examiner, adult neurology residents, University of Calgary. 3 hours.
- 2017 Lecture to Psychiatry residents (half day seminar). University of Calgary. Critical appraisal of randomized controlled trials. 1.5 hours.
- 2017 Lecture to Pediatrics residents (half day seminar). University of Calgary. Tourette Syndrome and Complex Motor Stereotypies. 3 hours.
- 2017 Lecture to MSc Neuropsychiatry students. University of Birmingham College of Medical and Dental Sciences. The pharmacological management of Tourette Syndrome. 3 hours.
- 2015 Lecture to neurology residents (half day seminar). University of Calgary. Tourette Syndrome. 2 hours.
- 2015 Lecture to neurology residents (half day seminar). University of Calgary. Pediatric movement disorders. 1 hour.
- 2015 Lecture to paediatrics residents (half day seminar). University of Toronto. Assessment and Management of Aggression in Youth. 2 hours.
- 2015 Lecture to pediatric residents (half day seminar). University of Calgary. Assessment and Management of Aggression in Youth. 2 hours.
- 2014 Lecture to psychiatry residents (half day seminar). University of Calgary. Tourette Syndrome. 2 hours
- 2014 Lecture to pediatric residents (half day seminar). University of Calgary. Tourette Syndrome. 2 hours.
- 2012 Lecture to neurology residents (half day seminar). University of Calgary. Tourette Syndrome. 2 hours.
- 2012 Lecture to psychiatry residents (half day seminar). University of Calgary. Tourette Syndrome. 2 hours.
- 2012 Lecture to child psychiatry residents (half day seminar). University of Toronto. Cases examples on application of the CAMESA guidelines: metabolic and extrapyramidal side effects. The Extrapyrarnidal Symptom Rating Scale. 3 hours.

- 2012 Lecture to paediatrics residents (half day seminar), McMaster University. Monitoring antipsychotic safety in children. 1 hour.
- 2012 Lecture to pediatric neurology residents (half day seminar), McMaster University. Tourette Syndrome. 2 hours.
- 2012 Lecture to pediatrics residents (half day seminar), University of Ottawa. The treatment of disruptive behaviour disorders with second generation antipsychotics. Monitoring antipsychotic safety- who, what and when? 2 hours.
- 2011 – 2013 Annual Canadian Residents Course in Movement Disorders
Lecturer, for Tourette Syndrome and Pediatric Movement Disorders Lectures. 2 hours.
- 2009 – present Clinical Epidemiology for the Neurology Resident, Division of Neurology, University of Calgary. Provide 2 to 3 one-hour sessions per year on concepts in clinical epidemiology.
- 2011 Lecture to neurology and pediatric neurology residents (half day seminar), University of Calgary. Pediatric movement disorders. 2 hours.
- 2008 Lecture to neurology residents (half day seminar), Queen's University. Pediatric movement disorders. Headache case discussions. 2 hours.
- 2003 – 2005 Curriculum Planning and Organization, Core Neurology Lectures for Residents, Division of Neurology, University of Toronto.

Postgraduate Research Supervision

- 2011 Dr. Katie Wiltshire – Neurology resident, University of Calgary. Topic: Systematic review on the incidence and prevalence of Huntington Disease.
- 2010 Dr. Thilinie Rajapakse – Pediatric neurology resident, University of Calgary. Topic: Systematic review of new treatments for tics and stereotypies.
- 2009 Dr. Farnaz Amoozegar – Headache clinical and research fellow, University of Calgary- co-supervisor. Topic: Frovatriptan as transitional therapy in medication overuse headache.

Clinical Fellows (Clinical supervision only)

- 2011 Dr. Sarah Sawyer – Medical genetics resident, University of Calgary.
- 2010 – 2011 Dr. Justyna Sarna – Movement Disorders clinical fellow, University of Calgary- co-supervisor.
- 2009 – 2010 Dr. Manon Bouchard – Movement Disorders clinical fellow, University of Calgary, co-supervisor.
- 2009 – 2010 Dr. David Salit-Foix – Movement Disorders clinical fellow, University of Calgary, co-supervisor.

2008 – 2009 Dr. Jennifer Bestard – Headache and pain clinical fellow, University of Calgary, co-supervisor.

iv. Continuing Medical Education Teaching

Bedside Evidence Based Medicine. The American Academy of Neurology Annual Meeting. Boston Massachusetts, USA April 26, 2017.

Appropriate use of antipsychotics in children and youth. Alberta Children's Hospital Pediatric Update Conference. Calgary, Alberta, Canada, May 5, 2016.

Tourette Syndrome. Alberta Children's Hospital Pediatric Update Conference. Calgary, Alberta, Canada, May 5, 2016.

Bedside Evidence Based Medicine. The American Academy of Neurology Annual Meeting. Philadelphia Pennsylvania, USA, April 20, 2015.

Antipsychotic use in children and adolescents. Calgary Therapeutics Course. Calgary Alberta, Canada. April 16, 2015.

Nutraceuticals for migraine prophylaxis: what is the evidence? American Headache Society Scottsdale Headache Symposium. Phoenix Arizona USA, November 21 & 22, 2014.

The assessment and management of aggression in youth. Canadian Academy of Child and Adolescent Psychiatry. Toronto Ontario, Canada, September 14, 2014.

Treatment of Tourette Syndrome. 18th International Congress of Parkinson's Disease and Movement Disorders. Stockholm Sweden, June 9th, 2014.

Bedside Evidence Based Medicine. The American Academy of Neurology Annual Meeting. Philadelphia Pennsylvania, USA, April 2014.

The Pharmacological Management of Aggression and Oppositional Behaviour in Youth with ADHD. Calgary Therapeutics Course, Calgary Alberta, Canada, April 2014.

Metabolic and Extrapyrimal complications of antipsychotic medications in children. Canadian Pediatric Society Annual Conference, Edmonton, Alberta, Canada, June 2013.

Metabolic Complications with use of antipsychotic medications: Recommendations for screening and management. The Alberta Children's Hospital Pediatric Update Conference, Calgary, Alberta, Canada, May 2013.

The Development of Treatment Recommendations for Metabolic Complications Associated with Second Generation Antipsychotic Use In Children. American Academy of Child and Adolescent Psychiatry Annual Meeting, Toronto, Canada. October 2011.

Monitoring Safety of Second Generation Antipsychotics in Children: The CAMESA Guideline. American Academy of Child and Adolescent Psychiatry Annual Meeting, Toronto, Canada. October, 2011.

VI. ADMINISTRATIVE RESPONSIBILITIES

i. Departmental

- 2017 – present Deputy Director, Mathison Centre for Mental Health Research and Education
- 2008 – present Program Lead, Calgary Tourette and Pediatric Movement Disorders Clinic, Alberta Children's Hospital

ii. University

- 2015 University of Calgary Department of Psychiatry Promotions Committee
- 2014 – 2016 University of Calgary Department of Community Health Sciences Graduate Admissions Committee member
- 2014 – 2016 Mathison Centre for Mental Health Research and Education Journal Club Leader
- 2011 – 2012 Hotchkiss Brain Institute Clinical Research Unit Steering Committee – committee member
- 2011 – 2012 Search and selection committee, Movement Disorders Program Leader – committee member

iii. Regional Health Authority

- 2011 – 2015 Alberta Health Services Antipsychotic Safety Monitoring Committee- committee member

VII. PROFESSIONAL ACTIVITIES

i. Membership in professional and learned societies

- 2009 – present Movement Disorders Society, Member
- 2008 – present Alberta Medical Association, Member
- 2005 – present The Royal College of Physicians and Surgeons of Canada, Member
- 2002 – present The American Academy of Neurology, Member

ii. Professional service

Editorial board member

- 2016 – present Neurology, Clinical Practice
- 2015 – present Cochrane Movement Disorders Group
- 2014 – present Canadian Journal of Psychiatry

Guest Editor

- 2017 Neurology Clinical Practice
Spotlight Issue: Neurology and Mental Health

Guest Editor

- 2011 – 2012 Canadian Journal of Psychiatry, In Review Series
February 2015 issue: Aggression in youth
March 2012 issue: Tourette Syndrome

July 2012 issue: Antipsychotic use in children

Journal Reviewer (ad hoc)

2016	Epidemiology and Psychiatric Sciences
2016	Pediatric Drugs
2016	Journal of Child and Adolescent Psychopharmacology
2016	CNS Drugs
2016	Psychiatry Research
2015	Journal of the Neurological Sciences
2015, 2016	BMJ Open
2015, 2016	European Child and Adolescent Psychiatry
2015, 2016	Journal of the Canadian Academy of Child and Adolescent Psychiatry
2015	Headache
2014	JAMA
2013	Cephalalgia
2013-2016	BMJ
2013, 2014	Pediatrics
2013	Journal of Autism and Developmental Disorders
2012-2016	Movement Disorders
2011, 2014	Canadian Medical Association Journal
2010	Journal of Psychosomatic Medicine
2010	Canadian Journal of Neurological Sciences

National Committees/Professional Services

2017	Canadian Institutes of Health Research Project Grant Peer Reviewer
2016	Canadian Institutes of Health Research Project Grant Peer Reviewer
2008 – 2012	Canadian Headache Guidelines Task Force
2009 – present	Professional Advisory Board, Tourette Syndrome Foundation of Canada
2012 – 2014	Knowledge Translation Canada, a national research network Calgary Node Member

International Committees/Professional Services

2015	Grant Reviewer, Parkinson's United Kingdom
2014- present	American Headache Society Guideline Committee
2014	Netherlands Organization for Health Research and Development Grant Reviewer
2013- 2015	American College of Chest Physicians Guideline Methodologist
2013-present	American College of Chest Physicians Cough Guideline Panel
2013	Rational Pharmacotherapy Program, The Netherlands Organization for Health Research and Development Grant Reviewer
2011 – present	American Academy of Neurology Guidelines Subcommittee
2008	American Academy of Neurology Scientific Program Committee
2007 – present	Cochrane Collaboration Movement Disorders Group and Developmental, Psychosocial, and Learning Problems Group- Member and Reviewer

VIII. RESEARCH SUPPORT

Amount	Role	Funding Agency	Year(s) of	Project/Activity
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			Funding	
\$98,000	Co-investigator	MSI Foundation	2017-2019	Improving care for those with dementia or PD and comorbid depression or anxiety
\$50,000	Co-investigator	Maternal Newborn Child and Youth Strategic Clinical Network, Alberta Health Services	2017-2018	Exploring the mental health care needs of children in Alberta
\$20,000	Co-investigator	Hotchkiss Brain Institute Pilot Research Fund Program	2017-2018	Improving the detection of depression and anxiety for those experiencing dementia or Parkinson's disease
\$437,000	Principal Investigator	Owerko Centre on Neurodevelopment and Child Mental Health	2016-2018	Rational Pharmacotherapy for Child and Youth Neurodevelopmental and Mental Health Disorders
\$505,436	Co-investigator	Canadian Institutes of Health Research	2015-2017	Personalizing psychosocial interventions for children with oppositional and disruptive behaviour
\$20,000	Co-investigator	Mathison Centre for Mental Health Research and Education	2015-2016	Transcranial magnetic stimulation for Tourette Syndrome
\$6,000	Supervisor (summer studentship)	Mathison Centre for Mental Health Research and Education	2015	A Populated-Based Study of the Prevalence of Tourette Syndrome, Health Status, and Health-Related Behaviours
\$25,000	Co-investigator	Alberta Innovates Health Solutions	2015-2016	Improving Care in Adults with Parkinson's Disease and Dementia Complicated by Comorbid Depression and Anxiety
\$11,830	Principal Investigator	Canadian Institutes of Health Research	2015-2016	Canadian Guidelines on Pharmacotherapy for Oppositional Behaviour, Conduct Problems, and Aggression in Children and Adolescents with Disruptive Behaviour Disorders: Creation of a Patient Decision Aid to Reduce Decisional Conflict and Encourage Active Decision Making
\$40,000	Co-Principal Investigator	Hotchkiss Brain Institute / Mathison Centre for Health Research and Education	2015-2016	Canadian Clinical Practice Guidelines for the Treatment of Schizophrenia and Other Psychotic Disorders.
\$100,000	Principal Investigator	Shire Canada	2014	Assessment and Treatment of Oppositional Behaviour, Conduct

				Problems and Aggression in Children with Attention Deficit Hyperactivity Disorder, Oppositional Defiant Disorder and Conduct Disorder: Bringing Knowledge to Action Among Family Physicians and Pediatricians
\$15,000	Principal Investigator	Alberta Mental Health Strategic Clinical Network	2014-2016	Rising prescriptions for quetiapine for depression: Understanding influences on prescribing behaviour and identifying the knowledge to action gap
\$15,000	Co-investigator	Nova Scotia Health Research Foundation	2013-2014	A scoping review of pediatric mental health related emergency department discharge instructions
\$114,000	Co-Principal Investigator	Sick Kids Foundation and Royal Bank Canada	2013-2015	Assessment and treatment of aggression in children with disruptive behaviour disorders: Development of an educational curriculum for residency education
\$24,891	Principal Investigator	Canadian Institute of Health Research	2013-2014	Assessment and treatment of aggression in children with disruptive behaviour disorders: Development of an educational curriculum for residency education and an eCME program
\$20,000	Principal Investigator	Private donation	2013-2014	Knowledge Translation of the Canadian Tourette Syndrome Guidelines
\$75,227	Principal Investigator	Canadian Institute of Health Research	2012-2014	Knowledge Translation and Dissemination of an Antipsychotic Safety Monitoring Guideline for Children
\$19,025	Principal Investigator	Alberta Innovates Health Solutions	2012-2013	Monitoring Antipsychotic Safety in Children: Knowledge Translation and Exchange of the CAMESA Guideline
\$200,000	Co-Principal Investigator	Public Health Agency of Canada	2011-2013	Neurological registry best practice guidelines and implementation toolkit
\$8,500	Principal Investigator	Canadian Institute of Health Research	2011-2012	To lead and develop a clinical practice guideline on the diagnosis and treatment of Tourette Syndrome and co-morbid disorders
\$681,374	Co-investigator; leader of	Public Health Agency of Canada	2010-2013	Systematic review of factors influencing the onset and

	systematic reviews on dystonia, Huntington disease, and Tourette Syndrome			progression of priority neurological conditions
\$15,000	Principal Investigator	Tourette Syndrome Foundation of Canada	2010-2012	To lead and develop a clinical practice guideline on the diagnosis and treatment of Tourette Syndrome and co-morbid disorders
\$1,477,342	Co-investigator	Public Health Agency of Canada	2010-2013	Innovations in data, evidence and applications for persons with neurological conditions
\$402,000	Co-Principal Investigator	Public Health Agency of Canada	2010-2013	For research proposal on assessing the incidence and prevalence of neurological disorders in Canada
\$67,000	Principal Investigator	Canadian Institute of Health Research	2010-2012	For research proposal on safety and effectiveness of antipsychotic medications in children; creation of a clinical practice guideline on monitoring effectiveness and safety of antipsychotic medications
\$40,000	Principal Investigator	Kinsmen Chair in Pediatric Neurosciences	2009	To support clinical and research activities at the Calgary Tourette Syndrome Clinic
\$45,000 per year for two years	Clinical and Research Fellow	Canadian Institute of Health Research	2005	Post-doctoral fellowship award for research proposal on studying disability in Tourette Syndrome
\$42,500	Clinical and Research Fellow	Canadian Institute of Health Research	2000	Fellowship award for research proposal on migraine headache

IX. INVITED ADDRESSES

2017

Complementary and integrative medicine for headache. American Headache Society Scottsdale Headache Symposium. Phoenix Arizona USA, November 17, 2017.

Drug-induced movement disorders. Canadian Society of Hospital Pharmacists Symposium. Edmonton Alberta Canada, October 15, 2017.

Psychopharmacology of Neurodevelopmental Disorders. Finding Mental Health in Neurodevelopmental Disorders conference, Calgary Alberta Canada, June 1, 2017.

Tourette syndrome: epidemiology, comorbidity and treatment. Neurology Grand Rounds, St George's University of London, London, UK, January 27, 2017.

2015

Tic cough and somatic cough syndrome. Respiriology Grand Rounds, University of Calgary, Calgary Alberta Canada, October 30, 2015.

Alternating hemiplegia of childhood. Unusual Movement Disorders Marathon Symposium, 3rd International Conference on Knowledge Gaps in Parkinson's Disease and other Movement Disorders. Toronto Ontario, Canada, May 9, 2015.

2014

The treatment of oppositional behaviour, conduct problems and aggression in youth with ADHD, ODD and Conduct Disorder: creation of a national educational curriculum for residents. Child Psychiatry Grand Rounds, Glenrose Hospital, Edmonton Alberta, Canada, September 18, 2014.

The Pharmacological Management of Aggression and Oppositional Behaviour in Youth with ADHD. Queen Alexandra Centre for Children, Victoria British Columbia, Canada, April 2014.

Antipsychotic Use in Canada and Monitoring Drug Safety. Psychiatry Grand Rounds, Royal Jubilee Hospital, Victoria British Columbia, Canada, April 2014.

The Pharmacological Management of Aggression and Oppositional Behaviour in Youth with ADHD. Seasons in the Park Restaurant, Vancouver British Columbia, Canada, April 2014.

The CAMESA guidelines for monitoring antipsychotic safety in children. Keynote speaker, University of Saskatchewan Women's and Children's Health Conference, Regina Saskatchewan Canada, February 2014.

Critically Appraised Topics and Systematic Reviews. International Headache Academy, Mayo Clinic Scottsdale, Scottsdale Arizona, USA, January 2014.

2013

Systematic reviews. American College of Chest Physicians Cough Guideline Panel meeting, Chicago Illinois, United States, October 2013.

Drug Safety for Parents. Tourette Syndrome Foundation of Canada annual meeting, Mississauga Ontario, Canada, September 2013.

Canadian Guidelines on the Evidence Based Treatment of Tourette Syndrome. Tourette Syndrome Foundation of Canada annual meeting, Mississauga Ontario, Canada, September 2013.

Pharmacoepidemiology of antipsychotic medication use in Canadian children. Deliberations on the Ethical Use of Antipsychotic Medications in Children, National Core for Neuroethics, University of British Columbia. Vancouver, British Columbia, Canada, September 2013.

The CAMESA guidelines for monitoring antipsychotic safety in children. Psychiatry Grant Rounds, University of Saskatchewan, Saskatoon, Saskatchewan, April 2013.

The CAMESA guidelines for monitoring antipsychotic safety in children. Psychiatry Grand Rounds, Dalhousie University, Halifax, Nova Scotia, Canada, February 2013.

2012

The CAMESA guidelines for monitoring antipsychotic safety in children. Child Psychiatry Grand Rounds, University of Toronto, Toronto, Ontario, Canada, December 2012.

The pharmacoepidemiology of antipsychotic use in Canadian children and why we need to monitor drug safety. Child and Adolescent Psychiatry Rounds, University of Alberta, Edmonton, Canada, November 2012.

Evidence Based Treatment Guidelines for the Management of Tourette Syndrome. Keynote speaker at the Tourette Syndrome Foundation of Canada annual meeting, Halifax, Canada, October 2012.

Canadian Guidelines on Monitoring and Management of Metabolic Side Effects of Second Generation Antipsychotic Medications in Children. Hot Topic Conference: Obesity and Mental Health, International Association for the Study of Obesity, Toronto, Canada, June 2012.

Canadian Guidelines For Monitoring Antipsychotic Safety in Children. Presentation to Health Canada's Pediatric Expert Advisory Committee, Ottawa, Canada, May 2012.

The pharmacoepidemiology of antipsychotic use in Canadian children and why we need to monitor drug safety. Child and Adolescent Psychiatry Rounds, University of Calgary, Calgary, Canada, March 2012.

The pharmacoepidemiology of antipsychotic use in Canadian children and why we need to monitor drug safety. Department of Pediatrics Grand Rounds, University of Ottawa, Ottawa, Canada, February 2012.

Metabolic and neurological side effects of second generation antipsychotic medications in children. Department of Psychiatry Grand Rounds, University of Ottawa, Ottawa, Canada, February 2012.

The pharmacoepidemiology of antipsychotic use in Canadian children and why we need to monitor drug safety. Developmental Neuroscience Rounds, University of Calgary, Calgary, Canada, February 2012.

Understanding the epidemiology of neurological conditions and building the methodological foundation for surveillance. National Population Health Study of Neurological Conditions Annual Progress Meeting, Toronto, Canada, January 2012.

Extrapyramidal Side Effects of Second Generation Antipsychotic Medications in Children. Calgary Community Pediatricians Evening Seminar, Calgary, Canada, January 2012.

2011

Metabolic and neurological side effects of second generation antipsychotic medications in children. Developmental Pediatrics Grand Rounds, University of Calgary, Calgary, Canada. October, 2011.

2010

Clinical Controversies in Neuropsychiatry: The Treatment of ADHD in Children with Tics. Canadian Pediatric Society Annual Meeting, Vancouver, Canada. June, 2010.

2009

Tourette Syndrome. Department of Family Medicine Rounds, University of Calgary. January, 2009

Tourette Syndrome and ADHD: A Complex Comorbidity. Child Psychiatry Grand Rounds, University of Alberta, Edmonton, Canada. March, 2009.

2008

Migraine Headache and Ovarian Sex Hormones. Neuroscience Grand Rounds, Queen's University, Kingston, Canada. October, 2008.

Tourette Syndrome and ADHD: A Complex Comorbidity. Child and Adolescent Psychiatry Rounds, University of Calgary, Calgary, Canada. November, 2008.

2007

Migraine Headache and Ovarian Sex Hormones. Canadian Institute of Health Research Strategic Training Program on Pain, Advanced Pain Research Methodologies Training School, Gananoque, Canada. June, 2007.

More than tics: Tourette Syndrome and its neurobehavioural co-morbidities. Tourette Syndrome Foundation of Canada Annual Meeting, Niagara Falls, Canada. September 2007.

Tourette Syndrome. Tourette Syndrome Foundation of Canada, Calgary Resource Unit fall meeting, Calgary, Canada. November, 2007.

More than tics: Tourette Syndrome and its behavioural co-morbidities. Developmental Pediatric and Community Pediatric Grand Rounds, University of Calgary, Calgary, Canada. November, 2007

X. PUBLICATIONS/PRESENTATIONS

i. Peer reviewed manuscripts (underlined co-authors are students or research fellows supervised by T Pringsheim). H Index 23.

2017

Martino D, **Pringsheim TM**. Tourette syndrome and other chronic tic disorders: an update on clinical management. Expert Rev Neurother. 2017 Dec 8:1-13.

Mele B, Holroyd-Leduc J, Smith EE, **Pringsheim T**, Ismail Z, Goodarzi Z. Detecting anxiety in individuals with Parkinson disease: A systematic review. *Neurology*. 2017 Dec 6. doi: 10.1212/WNL.0000000000004771. [Epub ahead of print]

Pringsheim T, Ho J, Sarna JR, Hammer T, Patten S. Feasibility and Relevance of Antipsychotic Safety Monitoring in Children With Tourette Syndrome: A Prospective Longitudinal Study. *J Clin Psychopharmacol*. 2017 Oct;37(5):498-504.

Martino D, Ganos C, **Pringsheim TM**. Tourette Syndrome and Chronic Tic Disorders: The Clinical Spectrum Beyond Tics. *Int Rev Neurobiol*. 2017;134:1461-1490.

Pringsheim T, Addington D. Canadian Schizophrenia Guidelines: Introduction and Guideline Development Process. *Can J Psychiatry*. 2017 Sep; 62(9):586-593

Abidi S, Mian I, Garcia-Ortega I, Lecomte T, Raedler T, Jackson K, Jackson K, **Pringsheim T**, Addington D. CPA Guidelines for the Pharmacological Treatment of Schizophrenia Spectrum and Other Psychotic Disorders in Children and Youth. *Can J Psychiatry*. 2017 Sep; 62(9):635-647

Pringsheim T, Kelly M, Urness D, Teehan M, Ismail Z, Gardner D. Physical Health and Drug Safety in Individuals with Schizophrenia. *Can J Psychiatry*. 2017 Sep; 62(9):673-683.

Krewski D, Barakat-Haddad C, Donnan J, Martino R, **Pringsheim T**, Tremlett H, van Lieshout P, Walsh SJ, Birkett NJ, Gomes J, Little J, Bowen S, Candundo H, Chao TK, Collins K, Crispo JAG, Duggan T, Sherif RE, Farhat N, Fortin Y, Gaskin J, Gupta P, Hersi M, Hu J, Irvine B, Jahanfar S, MacDonald D, McKay K, Morrissey A, Quach P, Rashid R, Shin S, Sikora L, Tkachuk S, Taher MK, Wang MD, Darshan S, Cashman NR. Determinaical disease: Synthesis of systematic reviews. *Neurotoxicology*. 2017 Jul; 61:266-289.

Pringsheim T, Edward MJ. Functional movement disorders. Five new things. *Neurology Clinical Practice* 2017; 7:1-7.

Chao TK, Hu J, **Pringsheim T**. Risk factors for the onset and progression of Huntington Disease. *Neurotoxicology* 2017 Jul; 61:79-99.

Little J, Barakat-Haddad C, Martino R, **Pringsheim T**, Tremlett H, McKay KA, van Lieshout P, Walsh SJ, Gomes J, Krewski D. Genetic variation associated with the occurrence and progression of neurological disorders. *Neurotoxicology* 2017 Jul; 61:243-264

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iv. Abstracts-published

Kelly MA, Pringsheim T. Mental health plus: a qualitative study of quetiapine use by family physicians. Alberta College of Family Physicians Annual Scientific Assembly, Oral Presentation, March 3, 2017, Banff, Alberta, Canada.

Kahl C, Transcranial magnetic stimulation of the supplementary motor area for Tourette's syndrome in children: a pilot study. International Neuromodulation Society 13th World Congress, Poster Presentation, May 31, 2017, Edinburgh, Scotland.

Pringsheim T. Tic Severity and Treatment in Children: The Effect of Comorbid Attention Deficit Hyperactivity Disorder and Obsessive Compulsive Behaviours. 21st International Congress of Parkinson's Disease and Movement Disorders, Poster Presentation, June 7, 2017.

Pringsheim T, Ho J, Sarna J, Hammer T, Patten S. A Prospective Longitudinal Study of Antipsychotic Safety in Children with Tourette Syndrome. American Academy of Neurology, Poster Presentation, April 28, 2017, Boston MA.

Yang J, Hirsch L, Martino D, Jette N, Roberts J, **Pringsheim T**. Self perceived health status, comorbid conditions and health related behaviours in individuals with Tourette Syndrome: A Canadian population-based study. American Academy of Neurology, Oral Poster Presentation, April 16, 2016, Vancouver BC.

Yang J, Hirsch L, Martino D, Jette N, **Pringsheim T**. The Prevalence of Tourette Syndrome in Canada: A National Population-Based Study. American Academy of Neurology, Poster Session, April 16, 2016, Vancouver BC.

Pringsheim T, Sarna J, Hammer T. Monitoring Antipsychotic Safety in Children with Tourette Syndrome. Tourette World Congress, Poster Session, June 26, 2015, London, UK.

Roberts J, Patten S, Wiebe S, Hemmelgarn B, **Pringsheim T**, and Jette N. Health related behaviors and comorbidity in people with epilepsy: changes in the past decade. Canadian Federation of Neurological Sciences meeting, Poster Session, June 2014, Banff, Canada.

Pringsheim T, Jette N, Frolkis A, Steeves T. The Incidence of Parkinson's Disease: A Systematic Review and Meta-analysis. 18th International Congress of Parkinson's Disease and Movement Disorders, Poster Session. Stockholm Sweden, June 11th, 2014.

Pringsheim T, Hammer T, McLennan J, Sarna J. Monitoring antipsychotic safety in children with Tourette syndrome and ADHD: A prospective cohort study. 18th International Congress of Parkinson's Disease and Movement Disorders, Poster Session. Stockholm Sweden, June 10th, 2014.

Pringsheim T, Jette N, Hirdes.

- Psychiatric symptoms and mental health co-morbidities in individuals living with Parkinson's disease across the continuum of care. American Academy of Neurology meeting, Poster Session, March 20, 2013, San Diego, USA.

Pringsheim T, Frolkis A, Lam D, Jette N, Steeves T.

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- The Incidence of Epilepsy: A Systematic Review and Meta-Analysis. American Epilepsy Society meeting, Poster Session, December 2012.

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- Recommendations for optimal ICD codes to study neurological conditions: a systematic review. Society for Epidemiological Research, June 27, 2012, Minneapolis, USA.

Roberts J, Maxwell C, Fiest K, Hogan D, Roach P, Dykeman J, Kirk A, Day L, Pearson D, Cohen A, Smith E, Venegas-Torres A, Steeves T, **Pringsheim T**, Jette N.

- The incidence and prevalence of dementia: a systematic review and meta-analysis. Canadian Neurological Sciences Federation, 47th Annual Congress, Poster Session, June 6, 2012, Ottawa, Canada.

Mah S, Roberts J, Dykeman J, Fiest K, Casha A, Cunningham C, St Germaine-Smith C, Patten S, **Pringsheim T**, Jette N.

- The incidence and prevalence of spinal cord injury: a systematic review and meta-analysis. Canadian Neurological Sciences Federation, 47th Annual Congress, Poster Session, June 6, 2012, Ottawa, Canada.

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Knight T, **Pringsheim T**. Adult onset tic disorder: a case series.

- 16th International Congress of Parkinson's Disease and Movement Disorders, Poster Session, June 21, 2012, Dublin, Ireland.

Knigh T, Steeves T, Day L, Jette N, **Pringsheim T**. Prevalence of tic disorders in children: A systematic review and meta-analysis.

- American Academy of Child and Adolescent Psychiatry Meeting, New Research Poster, October 21, 2011, Toronto ON.

Sarna J, **Pringsheim T**. Progressive supranuclear palsy like phenotype associated with concomitant exposure to mood stabilizer and neuroleptic.

- 15th International Congress of Parkinson's Disease and Movement Disorders, Poster Session I, June 6, 2011, Toronto, ON.

Pringsheim T, Lam D, Ching H, Patten S. Neurological complications of second generation antipsychotic use in children: a systematic review and meta-analysis of randomized controlled trials.

- 15th International Congress of Parkinson's Disease and Movement Disorders, Poster Session I, June 6, 2011, Toronto, ON.

Pringsheim T, Hammer T, Moshenko Mitchell B. Self reported anxiety symptoms in children with Tourette Syndrome.

- 15th International Congress of Parkinson's Disease and Movement Disorders, Poster Session IV, June 9, 2011, Toronto, ON.

Lam D, Patten SB, Tano D, **Pringsheim T**. The Pharmacoepidemiology of Antipsychotic Medications for Adults with Schizophrenia in Canada, 2005 to 2009.

- American Psychiatric Association Meeting, New Research Poster, May 15, 2011, Honolulu, HI.

Pringsheim T, Lam D, Patten SB. The Pharmacoepidemiology of Selective Serotonin Reuptake Inhibitor Medications for Canadian Children, 2005 to 2009.

- American Psychiatric Association Meeting, New Research Poster, May 15, 2011, Honolulu, HI.

Pringsheim T, Hammer T, Moshenko Mitchell B. Comorbidity of Tic Disorders and Autism Spectrum Disorder: A Prevalence Study.

- American Academy of Neurology Meeting, Poster Presentation, April 14, 2011, Honolulu, HI.

Pringsheim T, Lam D, Patten S. The Pharmacoepidemiology of Second Generation Antipsychotic Use in Canadian Children, 2005 to 2009.

- American Academy of Child and Adolescent Psychiatry Meeting, New Research Poster, October 28, 2010, New York, NY.

Pringsheim T, Pearce M. Metabolic and Neurological Complications of Antipsychotic Therapy in Children with Tourette Syndrome. *Neurology* 2009; 72(suppl3): A348.

- American Academy of Neurology Meeting, Poster Session, April 30, 2009, Seattle, WA.

Pringsheim T, Sandor P, Lang A, Shah P, O'Connor P. Pre and Perinatal Morbidity in Children with Tourette Syndrome and Attention Deficit Hyperactivity Disorder. *Annals of Neurology* 2008; 64(suppl12): S87-S113.

- Child Neurology Society meeting, Poster Session, November 6, 2008, Santa Clara, CA.

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- American Neurological Association Meeting, Poster Session, October 9, 2007, Washington, DC.

Pringsheim T, Lang A, Kurlan R, Pearce M, Sandor P. Understanding Disability in Tourette Syndrome. *Neurology* 2007; 68(12suppl1): A294.

- American Academy of Neurology Meeting, Poster Session 7, May 3, 2007, Boston, MA.

Pringsheim T, Kern R. Migraine Headache in the Postpartum Period. *Annals of Neurology* 2004; 56 (suppl8): s15.

- American Neurological Association Meeting, Poster Session, October 5, 2004, Toronto, ON

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- American Headache Society Meeting, Pathophysiology and Pharmacology Platform Session, June 21, 2002, Seattle, WA.

Dalmau J, Graus F, Barnett M, **Pringsheim T**, Caminero A, Wennberg R, Ribalta T, Shannon P, Sutton I, Eichen J, Rosenfeld MR. Ta (Ma2) Antibodies in Women with Paraneoplastic Neurologic Syndromes. *Neurology* 2000; 54 (7suppl3): A37.

- American Academy of Neurology Meeting, Poster Session 1, May 2, 2000, San Diego, CA.

Pringsheim TM, Howse DC. Acute Stroke Recognition and Management: A Public Awareness Survey.

- North American Stroke Meeting, Poster Session, October 28th, 1998, Cancun, Mexico.

Pringsheim TM. Phlegmatic Humours or the Wrath of God? Theories of Epilepsy from Antiquity to the Renaissance. *Clinical and Investigative Medicine* 1998(supplement); S53.

- Royal College of Physicians and Surgeons of Canada Meeting, Platform Session, September 25, 1998, Toronto, ON.

Weiss S, **Pringsheim T**, Armstrong D, Laughlin S, McGregor D, Curtis R, deVeber G. The Outcome of Pediatric Arterial Ischemic Stroke with Associated Cerebral Artery Stenosis. *Brain and Development* 1998; 20(6): 457.

- 8th International Child Neurology Congress, September 13, 1998, Ljubljana, Slovenia.

Pringsheim TM, Howse DC. In-Patient Treatment of Chronic Daily Headache Using Dihydroergotamine: A Long Term Follow-Up Study. *The Canadian Journal of Neurological Sciences* 1997;24 (supplement 1): S26.

- Canadian Congress of Neurological Sciences, Platform Session, June 27, 1997, Saskatoon, SK.

v. Media exposure

Dispensed prescriptions for quetiapine and other second generation antipsychotics in Canada from 2005 to 2012

November 21, 2014

City TV Calgary, interviewed by Leah Sarich regarding my research on the use of quetiapine for non-psychotic disorders.

Have we turned childhood into a disease?

June 12, 2014

-CBC News, interview with Geoff Leo regarding my pharmacoepidemiological research on drug use for mental health disorders in children.

Can you catch OCD?

October 5, 2013

-CBC Radio, Quirks and Quarks with Bob McDonald. Interviewed as medical expert for story on Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal infection. Discussed my research on risk factors for Tourette Syndrome funded by the Public Health Agency of Canada.

Second-Generation Antipsychotics for the Treatment of Disruptive Behaviour Disorders in Children: A Systematic Review.

January 7, 2013

-Interviewed by Sharon Kirkey from Post Media News regarding my article published in the Canadian Journal of Psychiatry. Interview appeared in Vancouver Sun, Calgary Herald, Regina LeaderPost, Star Phoenix, Ottawa Citizen, Montreal Gazette, under title: Researchers sound warning over adult antipsychotic drugs prescribed to children.

Evidence-Based Recommendations for Monitoring Safety of Second Generation Antipsychotics in Children and Youth.

November 2011

-Interviewed by CBC Radio for The Home Stretch. Discussed my research on the pharmacoepidemiology of antipsychotic use in children in Canada, and the need to routine monitoring of drug safety.

-Interviewed by Sharon Kirkey from Post Media News regarding my research on this topic. Interview appeared in several newspapers nationally, including the National Post, Calgary Herald, Edmonton Journal, Star Phoenix, Vancouver Sun, Montreal Gazette, Ottawa Citizen.

December 2012

-Interviewed by the Toronto Star David Bruser regarding monitoring antipsychotic safety in children. Interview appeared in Toronto Star December 8th, 2012, under title: Adult antidepressants suspected in suicides of Canadian kids.

Pre and Perinatal Morbidity in Children with Tourette Syndrome and Attention Deficit Hyperactivity Disorder.

May 2009

-Interviewed by several TV networks regarding my research in this area. Stories appeared on CTV, Global TV, Shaw TV, CityTV, as well as a news article in the Calgary Herald.

Migraine headache in male to female transsexuals.

January 2004

-Interviewed by Reuters News regarding my research article on this topic. Interview appeared on news websites internationally.