

## CURRICULUM VITAE

Michael Shevell, MD CM, FRCPC, FCAHS

Chairman, Department of Pediatrics,  
Professor (with Tenure),  
Departments of Pediatrics and Neurology/Neurosurgery.  
McGill University.

Harvey Guyda Chair of Pediatrics

Pediatrician-in-Chief,  
Montreal Children's Hospital,  
McGill University Health Centre (MUHC)

h-index 67  
citations 16815  
i-10 index 242  
papers > 100 citations 41  
(November 2019)

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**A. IDENTIFICATION**

<b>NAME</b>	Michael Shevell
<b>OFFICE ADDRESS</b>	Montreal Children's Hospital - MUHC 1001, boul. Décarie, B.RC.6354 Montreal, Quebec H4A 3J1
<b>E-MAIL</b>	michael.shevell@muhc.mcgill.ca michael.shevell@mcgill.ca
<b>DATE OF BIRTH</b>	March 31, 1958
<b>PLACE OF BIRTH</b>	Montreal, Canada
<b>CITIZENSHIP</b>	Canadian
<b>MARITAL STATUS</b>	Married (Annette Majnemer, OT, PhD: Vice-Dean (Education), Faculty of Medicine, McGill University)
<b>CHILDREN</b>	Allison - June 24, 1988 - BSc (Psychology), MDCM, FRCP R-V, Critical-Care Pediatrics (Hospital for Sick Children) Meaghan - May 21, 1991 - BA (Anthropology), MA (Human Rights, Columbia University, NY)
<b>LANGUAGES</b>	English, French (spoken & written)
<b>B. EDUCATION</b>	
1975	High School Diploma Wagar High School, Cote St. Luc, Que.
1977	D.E.C. - Health Sciences Marianopolis College



89/01/16-89/05/07      Resident IV (Neurology)  
Fellow in Neuropathology & Neuro- Ophthalmology  
Montreal Neurological Hospital

89/05/08-89/06/30      Resident IV (Neurology)  
Fellow in EEG/Evoked Potentials  
Montreal Children's Hospital

### RESEARCH FELLOWSHIP

89/07/01- 91/06/30      Postdoctoral Fellow - Molecular/Medical Genetics  
MRC Genetics Group - Division of Medical Genetics  
Royal Victoria Hospital  
Supervisor-David Rosenblatt

### CONTINUING EDUCATION (FORMAL COURSES)

Oct 1985                      Child Neurology  
Harvard Medical School

July 1990                      Short course in Medical & Experimental Mammalian  
Genetics  
Jackson Laboratory/Johns Hopkins University  
Bar Harbor, Maine

January 2010                  Leadership Development Program  
Faculty of Medicine, McGill University

November 2016                Yellow Belt, Sigma Six Lean  
McGill University Health Center

**LICENSURE\PROFESSIONAL CERTIFICATION**

1985	National Board of Medical Examiners (USA) Certificate
1986	Certificate of Registration - Medical Council of Canada
1987	Medical License - Province of Quebec (#1870443)
1989	Fellow of The Royal College of Physicians & Surgeons of Canada - Neurology (FRCP)
1989	Specialist Certificate (Neurology) - Corporation professionnelle des medecins du Quebec
1991	American Board of Psychiatry & Neurology - Special Qualification in Child Neurology
2002-2012	American Board of Psychiatry & Neurology Sub-specialty Certification -Neurodevelopmental Disabilities

**C. APPOINTMENTS****UNIVERSITY**

July 1991-Sept. 1996	Assistant Professor (GFT {H}) Depts. of Neurology/Neurosurgery & Pediatrics McGill University
Feb.1994 - June 1998	Associate Member Department of Human Genetics McGill University
Sept. 1996-June 2000	Associate Professor (GFT{H}) Depts. of Neurology/Neurosurgery & Pediatrics McGill University

July 2000-May 2003 Associate Professor (GFT {U})  
Depts of Neurology/Neurosurgery & Pediatrics  
McGill University

June 1, 2003-May 2005 Associate Professor with Tenure (GFT {U})  
Depts of Neurology/Neurosurgery & Pediatrics  
McGill University

June 2005- Full Professor (GFT {U})  
Dept. of Neurology/Neurosurgery & Pediatrics  
McGill University

November 2011- Chair  
Department of Pediatrics  
McGill University

### **HOSPITAL**

July 1991 - Attending Staff  
Division of Pediatric Neurology  
Montreal Children's Hospital

September 2008-  
October 2011 Director  
Division of Pediatric Neurology  
Montreal Children's Hospital  
McGill University Health Center

November 2011- Pediatrician-in-Chief  
Montreal Children's Hospital  
McGill University Health Centre

### **RESEARCH INSTITUTE**

December 2015 -  
November 2020 Investigator,  
Research Institute - McGill University Health Centre



**D. SPECIAL HONORS, AWARDS, RECOGNITION**

1975	Marianopolis Entrance Award - Science
1975-77	Dean's List - Marianopolis College
1977	J.W. McConnell Entrance Award - Faculty of Science, McGill University
1979	J.W. McConnell Award, McGill University
1978-80	University Scholar, McGill University
1980	J.W. McConnell Entrance Award - Faculty of Medicine, McGill University
1981	Mosby Scholarship Award, Faculty of Medicine, McGill University
1981	Faculty Scholar (Phase IA & IB), McGill University
1984	University Scholar (Phase III), McGill University
1989	Royal Victoria Hospital Research Institute Fellowship - McGill University
1989	Montreal Children's Hospital-Research Inst. Fellowship - McGill University
1989	Claude Giroud Prize in Pediatrics - McGill University <sup>1</sup>
1989	President's Prize- Canadian Association of Child Neurology <sup>2</sup>
1990	Post-Doctoral Fellowship - Fonds de recherche en sante du Quebec -(FRSQ) [Declined]

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<sup>1</sup> Best paper by pediatric trainee or fellow "Neonatal Dural Sinus Thrombosis".

<sup>2</sup> Best paper by pediatric neurology trainee "Congenital Inflammatory Myopathy".

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1990	Post-Doctoral Fellowship - Medical Research Council of Canada (MRC)
1997-2001	Chercheur Boursier Clinicien (Junior 2) -Clinical Research Scholarship (Salary Support Award) FRSQ
1998	Clinical Teaching Award Dept. of Neurology/Neurosurgery McGill University
2001-2005	Chercheur Boursier Clinicien (Senior) -Clinical Research Scholarship (Salary Support Award), FRSQ
Fall 2003	William Dawson Scholar Award Nomination Faculty of Medicine McGill University
April 2005	Visiting Professor-Ethics Dartmouth University Hanover, New Hampshire
June 2007	Marvin Klein Memorial Lecture Schneider's Children's Hospital- Long Island Jewish Long Island, New York
June 2007	Richardson Lecturer Canadian Neurological Sciences Federation Edmonton, Alberta
November 2007	Henry Dunn Lecturer BC Children's Hospital Vancouver, BC
Nov./Dec 2007	Visiting Professor- Child Neurology Children's Hospital at Westmead University of Sydney Sydney, Australia

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November 2008	Keynote Speaker Israel Child Development Congress Tel Aviv, Israel
April 2009	Elected to Membership American Neurological Association
May 2009	Appointed Fellow American Academy of Neurology
September 2010	Visiting Professor Central Commission Training Pediatrics Hong Kong Special Administrative Region
November 2010	Keynote Speaker Argentina Child Neurology Congress Buenos Aires, Argentina
March 2012 - Present	Harvey Guyda Chair in Pediatrics Faculty of Medicine McGill University
April 2013	John Stobo Prichard Lecturer Hospital for Sick Children University of Toronto
July 2013	Lecturer of the Year CP Chair Université de Laval
September 2014	Fellow of the Canadian Academy of Health Sciences (CAHS) "Fellows of the Academy are elected on the basis of their demonstrated leadership, creativity, distinctive competencies and commitment to advance academic health sciences".
October 2014	Hower Award Child Neurology Society "The Hower Award is given annually to a person whom the Child Neurology Society deems has contributed greatly to the further understanding of neurological problems of childhood through research, teaching, clinical application, and

leadership".

December 2014	Boshes History of Neurology Lecturer Child and Adult Euthanasia in the Third Reich University of Illinois, Chicago
August 2016	Wong Hock Boon Visiting Professorship National University Hospital Singapore
August 2018	Council of Champions Childrens First Foundation (Toronto)
July 2019	Honorary Advisor Pediatric Neurology Association of Hong Kong Hong Kong SAR
November 2019	Samuel Darwish Memorial Lecturer Alberta Children's Hospital Calgary, Alberta

## E. TEACHING

### 1. McGill Courses (Faculty of Medicine)

1989-1990	Neuroanatomy Demonstrator- 12 hrs/yr Central Nervous System Course (Med I) McGill University
1992 -2002	Developmental & School Disabilities (Lecture)- 12hrs/yr MCH Pediatrics Clerkship Course (Med III/IV)
Oct. 1993 & 1994	Human Experimentation in the Third Reich (Lecture)-2hrs/yr History of Medicine Course (MED I) Faculty of Medicine McGill University

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March 1994	Historical Origins of the Nuremberg Code (Lecture)-2hrs/yr Medical Ethics and Law Course (MED IV) Faculty of Medicine, McGill University
1996,1999,2000, 2001,2002,2003, 2006, 2007,2011	Small Group Tutor -12 hrs/yr CNS & Special Senses Course (Unit 6-Med I) McGill University
Spring 1997	Theme Coordinator -12 hrs/yr Triplet Repeat Expansions in Neurological Disease Advances in Human Genetics Post Graduate Course Department of Human Genetics McGill University
Spring 1998, 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012	Small Group Tutor-16 hrs/yr Medicine & The Third Reich (Elective) Medicine & Society Course Med IV McGill University
Fall 1999	Guest Lecturer Medicine & the Third Reich Health & the Healer in Western History History 101-349 A
2008/2009	Cerebral Palsy MCH Pediatrics Clerkship Group (Med III/V)

**CME (non-conference)**

1985-1990	Neonatal Seizures Neonatal Transport Course, Transport Team Montreal Children's Hospital
1990	Topics in Neonatal Neurology Course for Neonatal Intensive Care Nurses Montreal Children's Hospital
May 1993	Pediatric Neurology Series Visiting Pediatric Neurologist Chernobyl's Children Project Kiev, Ukraine
February 2014	Faculty Leadership Program Faculty of Medicine McGill University

**2. RESEARCH TRAINEES SUPERVISED**

Dr. Michel Sylvain	Co-supervisor (Dr. Doug Arnold) Resident's Research Elective (Neurology) Proton MRS in Cytochrome C Oxidase Deficiency, 1993
Stephane Parent, M.D. C.M.	Supervisor Summer Student Bursary program. Supported by the Hannah Institute for the History of Medicine "Werner Catel and Child Euthanasia" 1995 & 1996
Dr. M.E. Dilenge	Co-supervisor (David Reutens) Resident's Research Elective (Neurology) PET Scanning in Asperger's Syndrome 1996

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Dr. Steven Miller	Co-Supervisor (Douglas Arnold) Resident's Research Elective (Neurology) Proton MRS in Pediatric Temporal Lobe Epilepsy 1999
Dr. M.E.Dilenge	Co-Supervisor (Annette Majnemer) Post Doctoral Fellowship (FRSQ funded) Neuro-rehabilitation Outcomes at School Age in Asphyxiated Term Newborns 1999-2001
Dr. Lawrence Richer	Supervisor Resident's Research Elective (Neurology) Etiologic Yield in Neonatal Hypotonia. 2000
Dr. Richard Webster	Co-Supervisor (Alan Evans) Post Doctoral Fellowship (MCH-RI Funded) Functional MRI in Specific Language Impairment 2002-2004
Dr. Maryam Oskoui	Supervisor Resident's Research Elective (Neurology) Screening for Developmental Delay in Ambulatory Pediatric Practice 2002-2003
Dr. Richard Tang-Wai	Supervisor Resident's Research Elective (Neurology) Spastic Diplegia Variants 2003-2004
David Rydz	Supervisor MSc (Neurosciences) Studentship-MCH Research Institute Studentship-Child Neurology Foundation Screening for developmental delay in ambulatory pediatric practice 2003-2006

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Alana Beres	Supervisor Med IV- Humanities & Medicine Independent Study Elective Death in Vienna: Euthanasia, Scientific Publications and Heinrich Gross 2003
Andrew Feifer	Supervisor Med IV- Humanities & Medicine Independent Study Elective The ANA Report on Eugenic Sterilization 2003
Dr. Myriam Srour	Supervisor Resident's Research Election (Neurology) Developmental Screening/Causes of Developmental Delay 2004
Dr. Sunita Ventakeshwaren	Supervisor Resident's Research Elective (Neurology) Etiologies & Co-morbid Conditions in Spastic Quadriplegia 2005
Marie Brassard-Racine	Co-Supervisor (Dr. Annette Majnemer) MSc and PhD Student Edith and Richard Strauss's Fellowship Award Recipient School of Physical and Occupational Therapy Faculty of Medicine Handwriting in Children with Attention Deficit Hyperactivity Disorder 2005-2011



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- Dr. Emilie Riou  
Co-Supervisor (Drs. Shuvo Ghosh and Emmett Francoeur)  
Resident's Research Elective (Neurology)  
Global Developmental Delay and its Relationship to Cognitive Delay  
2006-2007
- Dr. Nabil Al-Macki  
Supervisor  
Resident's Research Elective (Neurology)  
Spectrum of Neurologic Outcomes after Term Intrapartum Asphyxia  
2007
- Brian Nadler  
Supervisor  
Child Neurology Foundation  
McGill Faculty of Medicine Summer Student Research Bursary  
Outcomes in Absence Epilepsy  
2007
- Douglas Shiller PhD, SLP  
Co-Supervisor  
Canadian Child Health Clinician Scientist Program (CCH CSP)  
Identifying behavioral markers for clinical subtypes of primary developmental speech sound disorder.  
School of Human Communication Disorders  
Faculty of Medicine- McGill University  
2008-2009
- Elisabeth Simard-Tremblay  
Supervisor  
Resident's Research Elective (Neurology)  
Sleep Disorders in Children with Neurodevelopmental Disabilities  
2008-2009

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Matthew Sloan	Supervisor Child Neurology Foundation McGill Faculty of Medicine Summer Student Research Bursary Outcomes in Partial Complex Epilepsy 2008
Elana Pinchefskey	Supervisor Medical Student Research Elective McGill Faculty of Medicine Clinical Markers of Intrapartum Asphyxia 2008
Kayle Towsley	Supervisor Undergraduate Research Study Neurosciences Program McGill University (Faculty of Science) Neuroimaging Findings in a Population-Based Cerebral Palsy Registry 2009
Ibtihel Mouna Ben Amor	Supervisor Resident's Research Elective (Genetics) Clinical Indicators of an Inherited Ataxia 2009
Genevieve Legault	Supervisor Resident's Research Elective (Neurology) Status Migrainosis in the ER 2009
Lauren Self	Supervisor Medical Student Elective McGill Faculty of Medicine A Population-Based Study of Congenital Malformations and Cerebral Palsy 2009

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Oliver Lasry	Supervisor Medical Student Elective McGill Faculty of Medicine A Population-Based Comparison of Preterm and Term PVL 2009
Jarred Garfinkle	Supervisor Medical Student Summer Research Project McGill Faculty of Medicine Neurologic Outcomes of Neonatal Seizures 2009 and 2010
Yannis Trakadis	Supervisor Resident's Research Elective (Genetics) Cost Effecting Microarray Investigation in Developmental Delay 2010
Mallory Owen	Co-Supervisor (C. Limperopoulos, A. Majnemer) MSc (Neurosciences) McGill University Structural and Functional Consequences of Complex Congenital Heart Disease in Newborns Prior to Open Heart Surgery 2010
Paulina Kyriakopoulos	Co-Supervisor (M. Oskoui) McGill Faculty of Medicine-Summer Student Research Bursary Toxins and Cerebral Palsy: A Population Based Study 2011-2012
Linda Horwood	Co-Supervisor (Evelyn Constantin, MDCM) PhD (Neuroscience) Sleep disorders in children with cerebral palsy 2012-2019

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Dora Siontas	Co-Supervisor (Martin Frasch, MD) PhD (Neuroscience) Molecular mechanisms and therapeutic manipulation of the fetal cholinergic anti-inflammatory pathway 2011-2012
Alexander Winkler-Schwartz	Supervisor Medical Student Research Neonatal variables predictive of later autistic spectrum disorders 2012-2013
James Zhang	Co-Supervisor (M. Oskoui) Medical Student Research Feeding and Communication Difficulties in Cerebral Palsy: A population-based study. 2012-2013
Rilla Schneider	Co-Supervisor (M. Oskoui) Medical Student Research Maternal Age and CP Phenotypes 2014-2016
Russell Frank	Co-Supervisor (M. Oskoui) Medical Student Research Late-term Birth and CP Phenotypes 2015-2016
Jake Levy	MDCM IV Medical Student Research-McGill "Ataxic-Hypotonic CP" 2018
Anjellica Chen	MDCM I Medical Student Research-McGill "Losing a Diagnosis of CP" + "CP & First Nations" 2018-19

Arielle Springer                      MDCM II  
 Medical Student Research-McGill  
 "Normal MRI in CP: What Does it Mean?"  
 2018

Melissa Vitagliano                      MDCM II  
 Medical Student Researc- McGill  
 Hemiplegic CP  
 2018 - 2019

## 2A. Thesis Advisory Committees

Rena Birnbaum, MSc                      External reviewer  
 School of Physical and Occupational Therapy  
 McGill University, 1994-96

Dr. Patrick Cossette                      Thesis Advisory Committee  
 PhD Thesis. (Dr. G. Rouleau-Supervisor)  
 Genetics of Epilepsy  
 Depts of Neurology/Neurosurgery  
 McGill University, 2002-2007

## 2B. External Examiner

Epsen Lien, PhD.                      PhD Thesis Advisory Committee  
 ApoLipoprotein E and Cerebral Palsy  
 Norwegian Technical & Scientific University  
 Trondheim, Norway  
 September 2015

## 3. PEDIATRIC NEUROLOGY TRAINEES (1991- )

*Lionel Carmant	1991-92	Junior Health Minister, Province of Quebec Member, National Assembly Quebec Universite de Montreal - Professor (on leave)
Carol MacMillan	1991-93	University of Chicago - Associate Professor

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\* Clinician Investigators

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Michel Sylvain	1991-94	Universite de Laval - Assistant Professor
Chantal Poulin	1994-97	McGill University - Associate Professor
Marie-Emmanuelle Dilenge	1995-99	McGill University - Assistant Professor
*Steven Miller	1995-2000	University of Toronto - Professor Director, Division of Pediatric Neurology, HSC Bloorview Children's Hospital Foundation Chair Paediatric Neuroscience
Aaron Johnston	1998-2001	Anchorage, Alaska (Private Practice)
Laurence Richer	1998-2001	University of Alberta-Associate Professor Vice-Dean (Research), Faculty of Medicine
Guy D'Anjou	1996-2001	Universite de Montreal-Assistant Professor
Waleed Al-Twaijri	1999-2003	Riyahd, Saudi Arabia (National Guard Hospital)
*Evdokia Anagnostou	1998-2003	University of Toronto- Professor Canada Research Chair (Tier I) Translational Therapeutics in Autism
Anna-Al-Futaisi	2000-03	Sultan Qaboos University, Muscat, Oman Associate Professor, Associate Chair, Pediatrics
*Francois Bolduc	1999-2003	University of Alberta-Associate Professor
Alison Moore	1998-2000	Calgary, Alberta (Private Practice)
*Maryam Oskoui	1999-2004	McGill University-Associate Professor FRQ-S Chercheur Boursier Clinicien Jr2
Renee-Myriam Boucher	2002-05	Universite de Laval- Assistant Professor

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Richard Tang-Wai	1999-2005	Loma Linda University-Assistant Professor
Sunita Venkateswaran	2004-07	University of Ottawa, Assistant Professor (CHEO-Ottawa)
*Myriam Srouf	2002-07	Assistant Professor, McGill University FRQ-S Chercheur Boursier Clinicien Jr2
*Genevieve Bernard	2003-08	Associate Professor, McGill University FRQ-S Chercheur-Boursier Clinician Jr2
Emilie Riou	2005-08	Université de Sherbrooke-Assistant Professor
Nabil Al-Macki	2004-09	Royal University Hospital (Muscat, Oman)
Genevieve Legault	2007-09	Assistant Professor, McGill University
Marie-Pierre Thibeault Eybalin	2005-11	Assistant Professor, Université Laval
Elisabeth Simard Tremblay	2006-11	Associate Professor, McGill University
Ali Al-Wadei	2008 - 12	King Fahd Medical City, National Neuroscience Institute and Faculty of Medicine (Saudi Arabia)
Rasheed al-Shahoumi	2006-12	Staff Physician - Kuwait
Ruba Benini	2008-14	Attending Staff - Sidra Research and Medical Center, Doha, Qatar
David Dufresne	2009-14	Assistant Professor, U de Sherbrooke
Bradley Osterman	2011-14	Assistant Professor, Université de Montréal

Nicolas Chrestian	2012-14	Assistant Professor, Université Laval
Elana Pinchevsky	2011-16	Assistant Professor, Université de Montréal
Mohammed Al-Muqbil	2011-16	Fellow, Metabolic Disorders, Children's Hospital, Boston
Ghalia Al-Yazidi	2012-17	Fellow, Neurometabolic Disorders, HSC, Toronto
Salva Sadeghi	2013-2018	Private Practice, Montreal
Fatema Al Amrani	2014-2018	Fellow, Neuromuscular Disorders, Hospital for Sick Children, Toronto
Laurence Graquelin	2015-2018	Assistant Professor, Université Laval
Abdulla Alawadhi	2014 - 2019	Fellow Epilepsy (McGill)
Olivier Fortin	2017 -	RIII (McGill)
Mohammed Ashour	2017 -	RIII (McGill)
Amaar Marefi	2018 -	RII (McGill)
Veronica Birca	2018 -	RII (McGill)
Ahmed Sahly	2019 -	RI (McGill)
Amytice Mirchi	2019 -	RI (McGill)

#### **4. INVITED LECTURES**

##### **a) MCGILL**

March 1993

Neonatal Seizures - Neonatal Grand Rounds  
McGill University



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- October 1993  
Acids & Holes in the Brain: Tales from a  
Neurometabolic Clinic  
Grand Rounds  
Montreal Neurological Institute
- February 1994  
Medicine in the Third Reich - The  
Schaltenbrand Experiment: Prelude to  
Holocaust  
Grand Rounds  
Montreal Neurological Institute
- March 1994  
Mitochondrial Disorders  
Residents Basic Science Seminar  
Montreal Children's Hospital
- March 1994  
New Technologies for the Diagnosis of  
Developmental Disabilities  
Rehabilitation Research Seminar  
McGill University
- April 1994  
Medicine and Neuroscience in the Third Reich  
Research Seminar Series  
Montreal Children's Hospital Research Institute
- October 1994  
Diagnostic Yield of the Neurological Assessment of  
the Child with Global Developmental Delay  
Special Lecture - Department of Child Psychiatry  
Montreal Children's Hospital
- December 1994  
Neuroscience in the Third Reich  
Pediatric Grand Rounds  
Montreal Children's Hospital
- February 1995  
Neurological Evaluation of the Globally Delayed  
Child - Child Psychiatry Rounds  
Douglas Hospital

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- April 1995                      Assessment of the Child With Global Delay  
Rehabilitation Research Seminar  
McGill University
- September 1995                Diagnostic Yield of the Neurologic Assessment  
of the Child With Global Developmental Delay  
Grand Rounds  
Montreal Children's Hospital
- October 1995                    Childhood Headaches  
ER Lecture Series  
Montreal Children's Hospital
- January 1996                    Clinical Applications of Magnetic Resonance  
Spectroscopy  
Residents Basic Science Seminar Series  
Montreal Children's Hospital
- January 1996                    MRS and Neurometabolic Disorders  
Genetic Rounds  
McGill University  
Montreal Children's Hospital
- June 1996                      Leo Alexander: Neurology's Witness to History  
Grand Rounds  
Montreal Neurological Institute
- December 1996                The Cerebellum in Pediatrics  
Resident's Basic Science Seminar Series  
Montreal Children's Hospital
- May 1997                        Triplet Repeats in Pediatric Neurological  
Disorders  
Resident's Basic Science Seminar Series  
Montreal Children's Hospital

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November 1999	Neurocutaneous Syndromes Neurology Seminar Series Montreal Neurological Institute
November 1997	Developmental Delay & Mental Retardation Neurology Seminar Series Montreal Neurological Institute
December 1997	The First To Perish: Child Euthanasia in The Third Reich. Pediatric Grand Rounds Montreal Children's Hospital
January 1999	Neurocutaneous Syndromes Resident's Basic Sciences Seminar Series Montreal Children's Hospital
January 1999	Is there a Rationale for the Evaluation of the Young Child with Global Developmental Delay: A Prospective Study. Pediatric Grand Rounds Montreal Children's Hospital
November 1999	Neurocutaneous Syndromes Ambulatory Pediatric Rounds Montreal Children's Hospital
January 2000	American Eugenics, American Neurology Neurology Grand Rounds Montreal Neurological Institute
March 2000	Molecular Medicine Neurology Grand Rounds Montreal Neurological Institute

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March 2000	Neonatal Neurologic Prognostication Pediatric Grand Rounds Montreal Children's Hospital
April 2000	Clinical Ethics & Developmental Disabilities Rehabilitation Research Seminar McGill University
November 2000	Futility in Pediatric Neurology McGill Neurology Conference Montreal Neurological Institute
December 2000	Migraine Equivalent Resident's Basic Science Seminar Series Montreal Children's Hospital
October 2001	A Contemporary Look at the Etiology of Cerebral Palsy Pediatric Grand Rounds Montreal Children's Hospital
April 2002	Neurocutaneous Syndromes Resident's Basic Science Seminar Series Montreal Children's Hospital
April 2002	Assessment of Childhood Developmental Delay Ambulatory Pediatric Rounds Montreal Children's Hospital
June 2002	The Etiology of the Cerebral Palsy Symptom Complex McGill Neurology Conference Montreal Children's Hospital
October 2002	The Ethics of Clinical Research in Children Pediatric Grand Rounds Montreal Children's Hospital

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- January 2003                      *The Genetics of Convulsive Disorders in the Neonate & Infant*  
Genetics Teaching Program  
Montreal Children's Hospital
- March 2003                        *What Happens to the Delayed Child?*  
*Outcomes of Children with Early Developmental Delay*  
Pediatric Grand Rounds  
Montreal Children's Hospital
- December 2003                   *Evaluating Developmental Delay*  
*Neurology Grand Rounds*  
Montreal Neurological Institute
- March 2004                        *Evaluating Childhood Developmental Delay*  
*Residents Basic Science Seminar Series*  
Montreal Children's Hospital
- January 2005                      *Developmental and Functional Outcomes at School-Age of Early Childhood Developmental Delay*  
*Neurology Grand Rounds*  
Montreal Neurological Institute
- October 2005                      *Neurobiology and Outcomes of Developmental Language Impairment*  
*Pediatric Grand Rounds*  
Montreal Children's Hospital
- November 2005                   *School Age Outcomes of Young Children with Developmental Delay*  
Dept. of Psychology - McGill University
- June 2006                         *Migraines and Migraine Equivalentents in Ambulatory Practice: A Practical Approach*  
*Emergency Department Rounds*  
Montreal Children's Hospital

- 
- October 2008  
What the Generalist Needs to Know about Headaches: A Practical Approach  
General Pediatrics Divisional Rounds  
Montreal Children's Hospital
- February 2009  
New Insights & Challenges in Our Understanding & Management of Cerebral Palsy  
Pediatric Grand Rounds  
Montreal Children's Hospital
- March 2009  
The Case for Microarray  
Centre for Research into the Neurosciences  
Montreal General Hospital
- March 2009  
ADHD in Special Populations  
General Pediatrics Divisional Rounds  
Montreal Children's Hospital
- May 2009  
Every Hospital Patient as a Research Subject  
Department of Pediatrics-Annual Retreat  
McGill University
- January 2010  
Insights from a Cerebral Palsy Registry  
Neurology Grand Rounds  
Montreal Neurological Institute  
McGill University
- March 2010  
Insights from a Cerebral Palsy Registry  
Pediatric Ground Rounds  
Montreal Children's Hospital  
McGill University
- March 2010  
From Population to Individuals: Insights from a Cerebral Palsy Registry  
MCH-Research Institute Seminar Series  
Montreal Children's Hospital

- March 2011                      *An Overview of Cerebral Palsy*  
Neurology Resident's Academic Half Day  
McGill University
- March 2012                      Preparing for a new position as a clinician scientist  
*CCHCSP Training Session*  
Montreal Children's Hospital
- September 2013                *A Pediatric Neurology Residency in 50 minutes*  
Pediatric Grand Rounds  
Montreal Children's Hospital
- May 2017                        *Developmental Delay: A Clinical Approach*  
Neurology Resident's Academic Half-Day  
McGill University
- October 2018                    *Evaluation of Developmental Delay in the Clinic: Current*  
*Approaches*  
General Pediatrics Evidence-Based Rounds  
McGill University
- May 2019                        *The Pediatric Neurologist and Neurodevelopmental*  
*Disabilities*  
Neurology Resident's Academic Half-Day  
McGill University

## **b) Outside McGill**

### **i. Academic-International Presentations**

- December 1995                *Developmental Delay: A Diagnostic Approach*  
Pediatric Grand Rounds  
University of West Virginia  
Morgantown, West Virginia

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- December 1995  
M.R.S. & Neurometabolic Disorders  
Neurology Rounds  
University of West Virginia  
Morgantown, West Virginia
- May 1996  
Neurologic Perspectives of Crigler-Najjar Syndrome  
Crigler-Najjar Symposium  
Rockefeller University - New York
- October 1996  
Neuroscience in the Third Reich: From Ivory  
Tower to Death Camps  
Neurology Grand Rounds  
University of Alabama - Birmingham
- October 1996  
Spectroscopy in Pediatric Neuro-Metabolic Disorders  
Pediatric Grand Rounds  
University of Alabama - Birmingham
- February 1998  
Neurology's Role in the Medical Crimes of  
The Third Reich and The Formulation of the  
Nuremburg Code.  
Neurology Grand Rounds  
Johns Hopkins University  
Baltimore, Maryland
- February 1998  
Profiles from Academic Medicine in the  
Third Reich: Challenging Our Myths.  
Georgetown Clinical Bioethics Colloquium  
Georgetown University Medical Center  
Washington, DC
- February 1998  
The First to Perish: Child Euthanasia in  
the Third Reich  
Pediatric Grand Rounds  
Georgetown University Medical Center  
Washington, DC



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- October 1998                      The Ethics of Developmental Disability: Past Abuses  
Child Neurology Society  
Montreal
- October 1998                      The Cerebellum in Developmental Delay  
NIH Joubert's Syndrome Symposia  
Montreal
- June 1999                         The Evaluation of the Young Child with Global  
Developmental Delay  
The Art & Science of Neonatal Neurological  
Prognostication  
Institute for Child Development - Tel Aviv  
University  
Bi-Annual Research Seminar Series  
Tel Aviv, Israel
- June 1999                         Child Euthanasia in the Third Reich  
Shaare Zedek Hospital  
Hebrew University  
Jerusalem, Israel
- October 1999                      When is Enough, Enough? Limits of Treatment in severe  
neurodevelopmental disabilities - A Debate  
Child Neurology Society  
Nashville, TN
- May 2000                         Hallervorden & Euthanasia  
NIH Symposium - Hallervorden - Spatz Disease  
Washington, DC
- October 2000                      Futility in Child Neurology Practice  
Child Neurology Society  
St. Louis, MO
- November 2000                    The Evaluation of Developmental Delay  
Brazilian Pediatric Neurology Society  
Sao Paolo, Brazil

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- April 2001                      Term Asphyxia: Outcomes and Their Prediction  
International Child Neurology Association/  
Society of Neuroscientists of Africa Joint  
Symposium  
Nairobi, Kenya
- April 2001                      Evaluating Early Childhood Developmental  
Delay: A North American Perspective  
International Child Neurology Association/  
Society of Neuroscientists of Africa  
Joint Symposium  
Nairobi, Kenya
- May 2001                        The Ethics of Clinical Research in Children  
American Academy of Neurology  
Philadelphia, Pennsylvania
- October 2001                    Evaluation of Childhood Developmental Delay  
Child Neurology Society, Victoria BC
- July 2002                        Etiologic Diagnosis in Cerebral Palsy: Asking the  
Question Why?  
Child Development Center  
Tel Aviv, Israel
- July 2002                        Etiologic Diagnosis in Cerebral Palsy: Asking the  
Question Why?  
Shaare Zedek Hospital  
Ben Gurion University  
Jerusalem, Israel
- September 2002                Outcomes of Children with Global Delay and  
Developmental Language Disorders  
Developmental Disability Symposium  
IX ICNA World Congress  
Beijing, China

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- May 2003  
Etiologic Yield in Cerebral Palsy  
9<sup>th</sup> Mediterranean Meeting of Child Neurology  
Dubrovnik, Croatia
- June 2003  
A Practice Parameter for Evaluating the Young Child  
with Global Developmental Delay  
University of Chicago  
Chicago, Illinois
- September 2003  
Intractable Epilepsy: A Case in Point  
American Academy of Cerebral Palsy and Developmental  
Medicine  
Montreal, Quebec
- October 2003  
The Ethics of Clinical Research in Children  
Child Neurology Society  
Miami Beach, Florida
- November 2003  
Evaluating Childhood Developmental Delay: A Rational  
Approach  
Department of Pediatrics -University of Vienna  
Vienna, Austria
- January 2004  
Evaluating Childhood Developmental Delay  
Neuroscience Grand Rounds  
Barrow Neurological Institute  
Phoenix, Arizona
- January 2004  
Child Euthanasia in the Third Reich  
Pediatric Grand Rounds  
St. Joseph's Hospital  
Phoenix, Arizona
- March 2004  
School Age Functional & Developmental Outcomes  
of Preschool Children Diagnosed with Developmental  
Language Disorders  
2<sup>nd</sup> International Egyptian Society of Child Neurology &  
Psychiatry

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	4 <sup>th</sup> Pan-Arab Child Neurology Meeting Cairo, Egypt
April 2004	A Practice Parameter for Evaluating Global Developmental Delay Pediatric Neurology Rounds University of California, San Francisco San Francisco, California
May 2004	Evaluating Childhood Developmental Delay Plenary Session Society for Developmental Pediatrics San Francisco, California
April 2005	"A Cold Wind Coming": Child Euthanasia in the Third Reich. Dartmouth University Hanover, New Hampshire
April 2005	Ethics and the Disabled Child: Particular Challenges Pediatric Grand Rounds Dartmouth University Hanover, New Hampshire
April 2005	Medicine and the Third Reich Jewish Studies Program Dartmouth University Hanover, New Hampshire
May 2005	Developmental and Functional Outcomes in Developmental Delay Annual Meeting- Japanese Pediatric Neurology Society Kumamoto, Japan
June 2005	Developmental & Functional Outcomes at School Age in Preschool Children Diagnosed with Developmental Delay. Pediatric Grand Rounds

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- University of Minnesota,  
Minneapolis, Minnesota
- December 2005      Etiology of Global Developmental Delay: A Contemporary  
Perspective  
Signature Genomics  
Spokane, Washington
- June 2006          Outcomes of Developmental Delay  
Xth International Child Neurology Congress  
Montreal, Quebec
- June 2007          Marvin Klein Memorial Lecture  
First They Came For The Children: Neurosciences,  
Pediatrics and Child Euthanasia in the Third Reich  
Schneider Children's Hospital- Long Island Jewish  
Hospital  
Long Island, New York
- June 2007          Current Concepts in the Evaluation of  
Neurodevelopmental Disabilities  
Schneider Children's Hospital- Long Island Jewish  
Hospital. Long Island, New York
- October 2007      Clinical Evaluation of the Child with Developmental  
Delay-State of the Art  
National Congress of Pediatrics  
Portuguese Academy of Pediatrics  
Algarve, Portugal
- October 2007      Evaluating Screening Protocols in an Ambulatory Setting:  
Results and Challenges  
Child Neurology Society  
Quebec, Canada
- November 2007     Developmental Disorders in Pediatric Neurology:  
A Practical Approach  
Annual Update in Pediatric Neurology

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- Children's Hospital at Westmead  
Sydney, Australia
- November 2007      Outcomes of Developmental Delay  
Annual Update in Pediatrics  
Children's Hospital at Westmead  
Sydney, Australia
- November 2007      A Current Approach to Evaluating Childhood  
Developmental Delay: A Neurologic Perspective  
Pediatric Grand Rounds  
Princess Margaret Hospital for Children  
Perth, Australia
- November 2007      Evaluating Screening Protocols in an Ambulatory Setting  
Residents' Training Program  
Princess Margaret Hospital for Children  
Perth, Australia
- November 2007      A Moving Target: Contemporary Challenges in Cerebral  
Palsy  
Pediatric Neurology Grand Rounds  
Princess Margaret Hospital for Children  
Perth, Australia
- November 2007      The First to Perish: Child Euthanasia in the Third Reich  
Child Development Center  
University of Western Australia  
Perth, Australia
- November 2007      Neurosciences in the Third Reich  
Prince of Wales Medical Research Institute  
Sydney, Australia
- November 2007      A Current Approach to Evaluating Childhood  
Developmental Delay: A Neurologic Perspective  
Pediatric Grand Rounds  
John Hunter Children's Hospital

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	Newcastle, Australia
December 2007	Neurosciences in the Third Reich Neurosciences Rounds University of Melbourne Melbourne, Australia
December 2007	<i>A Moving Target: Contemporary Challenges in Cerebral Palsy</i> Pediatric Grand Rounds Royal Melbourne Children's Hospital Melbourne, Australia
December 2007	<i>Contemporary Challenges in Cerebral Palsy</i> Pediatric Grand Rounds Monash University Melbourne, Australia
December 2007	<i>Contemporary Challenges in Cerebral Palsy</i> Neurology Rounds Sydney Children's Hospital Sydney, Australia
April 2008	<i>Epidemiology of Cerebral Palsy: A North American Perspective</i> VIIth International Congress on Early Brain Damage Bled, Slovenia
June 2008	<i>Global Developmental Delay and Array Comparative Genomic Hybridization: A Report from the Clinics</i> Signature Genomics Scientific Conference Spokane, Washington
August 2008	<i>Global Developmental Delay and Array Comparative Genomic Hybridization</i> Seminars in Pediatric Neuroscience Cornell University-New York Presbyterian Hospital New York, New York

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- November 2008      Deciding What Matters- Selecting Outcomes in  
Neurodevelopmental Disability Research  
Presidential Address  
Israeli Child Development Centers Society  
Tel Aviv, Israel
- November 2008      Can We Agree? Consensus Statements in  
Neurodevelopmental Disability  
Presidential Address  
Israeli Child Development Centers Society  
Tel Aviv, Israel
- November 2008      Array CGH in Global Developmental Delay  
Brazilian Congress of Pediatric Neurology  
Sao Paulo, Brazil
- April 2009          Neurobiology of Learning Disorder  
8<sup>th</sup> Biennial Convention of the ASEAN Neurological  
Association  
Kuala Lumpur, Malaysia
- April 2009          Association Between Developmental Language  
Impairment, Learning Disabilities and Other Outcomes  
8<sup>th</sup> Biennial Convention of the ASEAN Neurological  
Association  
Kuala Lumpur, Malaysia
- April 2009          What are Learning Disorders?  
Workshop on Learning and Behavioural Disorders among  
School Children  
Kuala Lumpur, Malaysia
- April 2009          Neurobiology of Learning Disorders  
Workshop on Learning and Behavioural Disorders among  
School Children, Kuala Lumpur, Malaysia



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- April 2009                      Attentional Difficulties in Special Population  
Working on Learning & Behavioral Disorders  
Kuala Lumpur, Malaysia
- April 2009                      Microarray in Global Developmental Delay  
Keynote Speaker  
Quebec Association of Cytogenetics Annual Meeting  
Quebec City, Quebec
- September 2009              What is Intrapartum Asphyxia?  
Perinatal and Developmental Neurology Symposia  
IX Ukrainian Congress of Child Neurology  
Kyiv, Ukraine
- October 2009                   Ethical Challenges in Neonatal Neurology  
17<sup>th</sup> International Child Health Conference-Chronic  
Disorders  
Muscat, Oman
- October 2009                   Diagnostic Evaluation of Global Developmental Delay  
17<sup>th</sup> International Child Health Conference-Chronic  
Disorders  
Muscat, Oman
- October 2009                   Pediatric Neurometabolic Disorders  
Sultan Qaboos University Hospital  
Muscat, Oman
- October 2009                   An Overview of Cerebral Palsy  
Sultan Qaboos University Hospital  
Muscat, Oman
- October 2009                   Consensus in Neurodevelopmental Disability  
Royal University Hospital  
Muscat, Oman
- December 2009                Investigation of the Child with Developmental Delay. A  
Contemporary Approach  
Excellence in Pediatrics Conference

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	Florence, Italy
December 2009	An Approach to the Clinical Management of the Child with Neurodevelopmental Disabilities Excellence in Pediatrics Conference Florence, Italy
March 2010	Advances in the Etiologic Diagnosis of Global Developmental Delay Keynote Speaker Child Brain Foundation Conference University of Texas Southwestern Medical Center Dallas, Texas
April 2010	Microarray: New Genetics for Understanding Clinical Challenges Dana Children's Hospital. Tel Aviv, Israel
April 2010	Microarray: New Genetics for Understanding Clinical Challenges Shaare Zedek Hospital Jerusalem, Israel
April 2010	Microarray: New Genetics for Understanding Clinical Challenges Beilinson Hospital Petach Tikvah, Israel
May 2010	Insights from a Population-Based Cerebral Palsy Registry: Relationships between Neurologic Sub-type, GMFCS Level and Co-morbidities CP Satellite Symposia XIth International Child Neurology Association World Congress Cairo, Egypt
May 2010	New Technologies in the Evaluation of Global Developmental Delay & Intellectual Disability: The

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	Example of Microarray XIth International Child Neurology Congress Cairo, Egypt
May 2010	Cerebral Palsy: Case Presentation Meet the Expert XIth International Child Neurology Congress Cairo, Egypt
September 2010	An Approach to Evaluation of Developmental Delay Commission Training for Pediatrics 2010 Neuro-Behavioural Disorders & Neurodevelopmental Disabilities Queen Mary Hospital Hong Kong
September 2010	Microarray: New Genetics and Clinical Challenges Commission Training for Pediatrics 2010 Neuro-Behavioural Disorders & Neurodevelopmental Disabilities Queen Mary Hospital Hong Kong
September 2010	Overview of Cerebral Palsy Commission Training for Pediatrics 2010 Neuro-Behavioural Disorders & Neurodevelopmental Disabilities Princess Margaret Hospital Hong Kong
September 2010	Deciding What Matters- Outcomes in Neurodevelopmental Disabilities Commission Training for Pediatrics 2010 Neuro-Behavioural Disorders & Neurodevelopmental Disabilities Princess Margaret Hospital Hong Kong

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- November 2010      A New Technology in the Evaluation of Developmental Delay  
Annual Meeting  
Sociedad Argentina de Neurologia Infantil  
Buenos Aires, Argentina
- November 2010      The Story of a Cerebral Palsy Registry  
Annual Meeting  
Sociedad Argentina de Neurologia Infantil  
Buenos Aires, Argentina
- November 2010      Current Challenges in Cerebral Palsy  
Annual Meeting  
Sociedad Argentina de Neurologia Infantil  
Buenos Aires, Argentina
- February 2011      Northern Exposure: A Canadian Cerebral Palsy Registry  
Barrow Neurological Institute  
Phoenix, Arizona
- November 2011      Current Status of Novel Therapies for Cerebral Palsy  
Symposium of Child Neurology and Developmental Epileptology  
The Czech Society of Pediatric Neurology  
Prague, Czech Republic
- April 2012      Cerebral Palsy: Advances in Understanding and Management  
American Academy of Neurology Annual Meeting  
New Orleans, LA
- May 2012      An Overview of Cerebral Palsy  
CP In Motion Conference  
NeuroDevnet NCE  
Edmonton, Ontario

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- May 2012 Outcomes of At Risk Term Infants in the NICU  
The Cerebral Palsy Research Institute  
Sydney, Australia
- May 2012 Canadian Cerebral Palsy Demonstration Project  
Joint Breakfast Session  
International Child Neurology Congress-Australiasan  
Academy of Cerebral Palsy and Developmental Medicine.  
Brisbane, Australia
- September 2012 Cerebral Palsy Demonstration Project: A National  
Initiative with International Implications  
Pre-Conference Workshop  
American Academy of Neurology and Developmental  
Medicine, Toronto, Ontario
- November 2012 An Approach to the Child with Stroke  
International Child Neurology Association,  
St-Johns Medical College, Bangalore, India
- November 2012 An Approach to the Floppy Infant  
International Child Neurology Association  
St-John's Medical College . Bangalore, India
- November 2012 Cerebral Palsy Current Prospectives  
NIMHANS  
Bangalore, India
- February 2013 What is Cerebral Palsy? An Update on Diagnosis and  
Classification  
ICNA/ACNA Children with Cerebral Palsy Workshop  
Cape Town, South Africa
- February 2013 The Promise of "Cold" in the Prevention of Cerebral  
Palsy  
ICNA/ACNA Children with Cerebral Palsy Workshop  
Cape Town, South Africa

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- May 2013  
New Perspectives of Cerebral Palsy from a Population based Registry  
Baltic Child Neurology Association  
Kaunas, Lithuania
- July 2013  
Advances in CP: From Cell to Community  
Progress in Motor Control IX Conference  
Montreal, Quebec
- May 2014  
The Heterogeneity of Cerebral Palsy - Population-based Perspectives  
Cerebral Palsy Symposia  
International Child Neurology Congress  
Iquazu Falls, Brazil
- May 2014  
Understanding Cerebral Palsy through a National Registry  
4<sup>th</sup> Annual Conference on Cerebral Palsy  
Halifax, Nova Scotia
- September 2014  
The Canadian Cerebral Palsy Registry  
Workshop on CP Registry  
American Academy of Cerebral Palsy and Developmental Medicine  
San Diego, California
- October 2014  
Hower Award Lecture - A Pediatric Neurology Residency in 45 minutes  
Child Neurology Society Annual Meeting  
Columbus, Ohio
- November 2014  
The Canadian Cerebral Palsy Registry: An Arc of Triumph  
State of the Science and Treatment Decisions in Cerebral Palsy Workshop  
National Institutes of Health, Washington, DC

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- December 2014  
Child and Adult Euthanasia in the Third Reich  
Boshes History of Neuroscience Lecture  
University of Illinois  
Chicago, Illinois
- January 2015  
Neonatal Arterial Ischemic Stroke Mechanism  
31<sup>st</sup> Annual Conference on Obstetrics, Gynecology,  
Perinatal Medicine, Neonatology, and the Law  
Kohala Coast, Hawaii
- January 2015  
Fetal Stroke Syndromes  
31<sup>st</sup> Annual Conference on Obstetrics, Gynecology,  
Perinatal Medicine, Neonatology, and the Law  
Kohala Coast, Hawaii
- January 2015  
Cerebral Sinovenous Thrombosis in the Newborn  
31<sup>st</sup> Annual Conference on Obstetrics, Gynecology,  
Perinatal Medicine, Neonatology, and the Law  
Kohala Coast, Hawaii
- March 2015  
Perinatal (Intrapartum) Asphyxia and Cerebral Palsy  
Primer Encuentro Internacional de Neurociencias  
Pediaticas  
Mexico City, Mexico
- March 2015  
Canadian Cerebral Palsy Registry and Genetics  
Ben Gurion University  
Beersheva, Israel
- March 2015  
A Pediatric Neurology Residency in 50 Minutes  
Akron Children's Hospital  
Akron, Ohio
- September 2015  
The Art of Child Neurology: What Should be in the  
Textbook but Isnt  
Norwegian Technical & Scientific University  
St.Olavs - Trondheim University Hospital  
Trondheim, Norway

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- February 2016  
Cancelled (death in family)
- Understanding Cerebral Palsy through a National Registry: Types, classification, comorbidities, correlates  
7<sup>th</sup> Child NeuroCon India  
The Association of Child Neurology (AOCN) India  
Lucknow, India
- March 2016
- Cerebral Palsy: Beyond the Diagnosis - Lessons from a National Registry  
Neurosciences Grand Rounds  
King Faisal University  
Riyadh, Saudi Arabia
- March 2016
- Challenges in Education and Research in Child Neurology: An Oslerian Perspective  
1<sup>st</sup> Pediatric Neurology Conference  
Saudi Arabian Pediatric Neurology Society  
Riyadh, Saudi Arabia
- March 2016
- Contemporary Understandings of the Genetics of Global Developmental Delay and Cerebral Palsy: A Pragmatic Approach  
1<sup>st</sup> Pediatric Neurology Conference  
Saudi Arabian Pediatric Neurology Society  
Riyadh, Saudi Arabia
- June 2016
- A National CP Registry & Its Use as a Platform for Discovery  
5th International Conference on Cerebral Palsy  
28th Annual Meeting European Academy of Childhood Disability  
Stockholm, Sweden



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- June 2016  
Cost-Effective Prevention & Management of Cerebral Palsy: What Can Low Resource Settings Learn from a High Resource Setting?  
5th International Conference on Cerebral Palsy  
28th Annual Meeting European Academy of Childhood Disability  
Stockholm, Sweden
- August 2016  
Contemporary Understanding of the Genetics of Cerebral Palsy & Global Developmental Delay/Intellectual Disability.  
Hospital Grand Rounds  
National University Hospital (NUH) Kids  
Singapore
- August 2016  
Evaluating Developing Delay & Intellectual Disability in the Clinic: Current Approaches  
Wong Hock Boon Visiting Professorship 2016  
National University Hospital (NUH) Kids  
Singapore
- August 2016  
Oslerian Challenges in Education & Research in Child Neurology  
Wong Hock Boon Visiting Professorship 2016  
National University Hospital (NUH) Kids  
Singapore
- August 2016  
A Tale of Two Constructs: Perinatal (Intrapartum) Asphyxia & Cerebral Palsy  
Wong Hock Boon Visiting Professorship 2016  
National University Hospital (NUH) Kids  
Singapore
- August 2016  
What is Cerebral Palsy? An Update on Classification & Diagnosis.  
Wong Hock Boon Visiting Professorship 2016  
National University Hospital (NUH) Kids  
Singapore

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- August 2016                      Cerebral Palsy Beyond the Diagnosis: Lessons from a National Registry  
Wong Hock Boon Visiting Professorship 2016  
National Univeristy Hospital (NUH) Kids  
Singapore
- August 2016                      A National Cerebral Palsy Registry & its Use as a Platform of Discovery.  
Wong Hock Boon Visiting Professorship 2016  
National Univeristy Hospital (NUH) Kids, Singapore
- August 2016                      Current Strategies to Prevent & Manage Cerebral Palsy  
Wong Hock Boon Visiting Professorship 2016  
National University Hospital. Singapore
- May 2017                          Conceptualization, Diagnosis & Prevention of Cerebral Palsy  
Chinese Association of Pediatric Neurology, Teaching Course  
Xiamen, China
- September 2017                  If Medicine is a Team Sport, What is the Pediatric Neurologist's Role? (with special reference to neurodevelopment disabilities)  
Presidential Guest Lecturer,  
American Academy of Cerebral Palsy and Developmental Medicine (AACPDM), Annual Meeting  
Montreal, Canada
- March 2018                        Current Strategies in the Prevention and Management of Cerebral Palsy  
10th Paediatric Annual Conference  
University of Pretoria  
Pretoria, South Africa

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- March 2018  
Cerebral palsy and its complexities  
Cerebral Palsy: Our Responsibility to Care  
Ethiqal  
Pretoria, South Africa
- March 2018  
The medical management of Cerebral Palsy: an overview  
Cerebral Palsy: Our Responsibility to Care  
Ethiqal  
Pretoria, South Africa
- March 2018  
The relationship of perinatal asphyxia and Cerebral Palsy  
Cerebral Palsy: Our Responsibility to Care  
Ethiqal  
Pretoria, South Africa
- September 2018  
Evaluation of Developmental Delay in the Clinic; Current Approaches  
NeuroPedicon 2018  
New Deli, India
- September 2018  
Prevention and Management of Cerebral Palsy: Emerging Insights and Strategies  
NeuroPedicon 2018  
New Deli, India
- November 2018  
Prevention & Treatment of Cerebral Palsy in High Resource Settings  
ICNC2018-15th International Child Neurology Congress  
Mumbai, India
- February 2019  
Clinical Lessons from a Cerebral Palsy Spectrum Disorder Registry.  
Grand Rounds - Neurology  
Massachusetts General Hospital  
Boston, Massachusetts

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- April 2019      Ten Points About Cerebral Palsy Learned from a Registry  
Peking University Pediatric Neurology Forum  
Peking University  
Beijing, China
- June 2019      Clinical Lessons from a Cerebral Palsy Spectrum  
Disorder Registry  
Neurology Grand Rounds  
Cleveland Clinic  
Cleveland, Ohio
- June 2019      The Pediatric Neurologist and the Neurodevelopmental  
Disability  
Pediatric Neurology Grand Rounds  
Cleveland Clinic  
Cleveland, Ohio
- June 2019      The Pediatric Neurologist and the Neurodevelopmental  
Disability  
Peking University Pediatric Development Forum 2019  
Peking University  
Beijing, China
- September 2019      Cerebral Palsy in the 21<sup>st</sup> Century: Translating Science  
into Prevention and Clinical Practice  
Neurorehabilitation Master Class  
Al-Farabi Kazakh National University  
Almaty, Kazakhstan
- September 2019      Addressing inequities in health outcomes for children  
with cerebral palsy across the world.  
American Academy of Cerebral Palsy and  
Developmental Medicine/European Academy of  
Childhood Disability  
Anaheim, California

**ii. Academic -National**

- November 1994                      Mitochondrial Disorders: An Overview  
Pediatric Grand Rounds  
University of Alberta
- December 1994                      Applications of Magnetic Resonance  
Spectroscopy to Pediatric Neuro-Metabolic  
Disorders, Neuroscience Grand Rounds  
University of Calgary
- March 1995                              Applications of Magnetic Resonance  
Spectroscopy to Pediatric Neurometabolic  
Disorders  
Genetic Rounds  
McMaster University
- March 1995                              Diagnostic Yield of the Neurological  
Assessment of the Globally Delayed Child  
Pediatric Grand Rounds  
McMaster University
- May 1995                                Developmental Delay: The Diagnostic  
Challenge. Pediatric Rounds  
University of Alberta
- November 1995                        ADD: A Practical Approach to Diagnosis  
and Management  
Resident Seminars  
University of Alberta
- November 1995                        ADD: A Practical Approach to Diagnosis  
and Management  
Pediatric Grand Rounds  
Alberta Children's Hospital, Calgary, Alberta

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- September 1997                      ADHD: Basic Issues & The Problematic Patient  
Pediatric Grand Rounds  
University of Ottawa, ON
- December 1997                      Neurosciences in The Third Reich  
Seminar Series - Medicine & The Holocaust.  
University of Toronto. ON
- April 1998                              Magnetic Resonance Spectroscopy: An Emerging  
Technology in Pediatric Neurology Research  
Neuroscience Seminar Series  
Hopital Ste. Justine, Universite de Montreal
- June 1998                              Proton Magnetic Resonance Spectroscopy  
Canadian Congress of Neurological Sciences Montreal,  
QC
- June 1998                              The Art and Science of Neonatal Neurological  
Prognostication  
Canadian Association of Child Neurology  
Montreal, QC
- June 1998                              The Etiologic Evaluation of the Child with Developmental  
Delay  
Developmental Pediatric Section of the Canadian  
Pediatrics Society  
Hamilton, ON
- June 2000                              The Child Neurologist as Expert Witness  
Canadian Congress of Neurological Sciences  
Ottawa, ON
- October 2002                          The Newborn Neurologic Exam  
Updates in Neonatology  
Montreal, QC

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- October 2002                      The Bermuda Triangle of Neonatal Neurology: Cerebral Palsy, Neonatal Encephalopathy & Intrapartum Asphyxia  
CIHR Workshop-The Neurologically Impaired Child: The Fetal-Neonatal Continuum  
Saskatoon, Saskatchewan
- January 2003                      School Age Outcomes of Children with Global Developmental Delay or Specific Language Impairment  
Glenrose Rehabilitation Center  
Edmonton, Alberta
- January 2003                      Neurosciences in the Third Reich  
Neuroscience Rounds  
University of Alberta  
Edmonton, Alberta
- January 2003                      Developmental Trajectories  
Community Populations - School Entry  
CIHR- IHDCYH Consensus Workshop  
Toronto, ON
- June 2003                         The Genetic & Metabolic Basis of Pediatric Movement Disorders  
Canadian Congress of Neurological Sciences  
Quebec City, QC
- October 2004                      Evaluating Childhood Developmental Delay  
Plenary Session  
Canadian Academy of Child & Adolescent Psychiatry  
Montreal, QC
- February 2006                      Migraines and Migraine Equivalent in Ambulatory Practice: A Practical Approach  
Practical Problems in Pediatrics,  
Montreal, QC

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- June 2007  
Richardson Lecture  
A Moving Target: Contemporary Challenges in Cerebral Palsy Across the Lifespan  
Canadian Neurosciences Federation  
Edmonton, Alberta
- October 2007  
Establishing a Provincial Cerebral Palsy Registry: Why, Who, What, Where and How?  
CN-CYR Annual National Conference  
Montreal, QC
- November 2007  
Cerebral Palsy-A Moving Target Across the Lifespan  
Henry Dunn Lecture  
Children's Hospital British Columbia  
University of British Columbia  
Vancouver, BC
- March 2008  
Neurometabolic Disorders  
LAUNCH  
National Neurology Resident Review Program  
Toronto, ON
- April 2008  
Topics in Child Neurology Ethics-Mental Retardation  
University of Ottawa/CHEO  
Ottawa, ON
- April 2008  
Neurology Gone Bad-Neurosciences in the Third Reich  
Neurology Grand Rounds  
Ottawa General Hospital  
Ottawa, ON
- May 2008  
Neurosciences in the Third Reich  
Bioethics Symposia  
Universite de Montreal  
Montreal, QC



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- October 2008  
Clinico-Pathologic Conference  
Pediatric Grand Rounds  
Hospital for Sick Children  
Toronto, ON
- October 2008  
Finding the Reason Why?: Evaluation of Childhood  
Developmental Delay  
Neurology Grand Rounds  
Hospital for Sick Children  
Toronto, ON
- April 2009  
New Understandings in Cerebral Palsy  
University of Alberta  
Edmonton, Alberta
- February 2010  
Neurometabolic Disorders  
LAUNCH  
National Neurology Residents' Review Program  
Toronto, ON
- March 2010  
New Insights from the Quebec Cerebral Palsy Registry  
Pediatric Grand Rounds  
Universite de Sherbrooke, Sherbrooke, QC
- May 2010  
Neurosciences in the Third Reich  
Introduction to Neuroethics (Guest Lecturer)  
Universite de Montreal  
Montreal, QC
- June 2010  
Insights from a Cerebral Palsy Registry  
Canadian Association of Child Neurology  
Quebec City, QC
- February 2011  
Neurometabolic Disorders  
LAUNCH  
National Neurology Residents' Review Program  
Toronto, ON

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- May 2011  
What Can We Learn Now from a CP Registry  
Cell-to-Person Conference on Cerebral Palsy  
(NeuroDevNet)  
Holland-Bloorview Rehabilitation Centre  
Toronto, ON
- May 2011  
Has Cooling Changed Things for the Asphyxiated  
Term Newborn: Ethical Perspectives  
Brain Matters 2: Ethics in the  
Translation of Neuroscience Research to Psychiatric and  
Neurological Care  
Montreal, QC
- September 2012  
Expansion of a Canadian Multi-Regional Population-Based  
Cerebral Palsy Registry  
Progress Meeting - National Population Health Study of  
Neurological Conditions  
Toronto, ON
- September 2012  
Ethics and Privacy Obstacles to Registry Implementation  
across Canada  
Calgary Clinical Research Unit Registries Symposium  
Calgary, Alberta
- April 2013  
Mini-Symposia on Latest Developments in Perinatal  
Asphyxia & Cerebral Palsy  
Canadian Medical Protective Association  
Ottawa, ON
- April 2013  
A Neurology Residency in 50 minutes  
Prichard Day Lecture  
University of Toronto  
Toronto, Ontario
- April 2013  
What have we Learned from a Canadian Cerebral  
Palsy Registry?  
Pediatric Grand Rounds  
Hospital for Sick Children  
Toronto, ON

- May 2013                      The What, Who and How of Cerebral Palsy; Background Perspectives, Clinical Manifestations and Outcomes  
Pediatric Grand Rounds  
Children's and Women's Hospitals  
Vancouver, British Columbia
- March 2016                      Early Brain Injury: Cerebral Palsy and Pediatric Stroke  
NeuroDevNet 102: An Introduction to Neurodevelopmental Disorders Research  
Webinar
- May 2016                      Perspectives from the Canadian Cerebral Palsy Registry  
Shriners' Hospital  
Montreal, Quebec
- September 2016                      Symposia Summation: Neurotechnologies for Disabled Children - Hope, Hype and Health.  
CP in Motion Conference  
Alberta Children's Hospital  
Calgary, Alberta
- November 2019                      Lessons from a Cerebral Palsy Spectrum Registry  
Samuel Darwish Memorial Lecture  
Alberta Children's hospital  
Calgary, Alberta

### iii. Community

- October 1994                      Medicine in the Third Reich  
Canadian Institute for Jewish Research  
Montreal, QC
- June 1995                      Developmental Disability: Challenges for the 90's  
Summit School  
Montreal, QC

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November 1995	Common Childhood Epilepsy Syndromes Abbott Laboratories Edmonton, Alberta
November 1995	Common Childhood Epilepsy Syndromes Abbott Laboratories Calgary, Alberta
January 1996	Navigating the Quebec Medical System Tourette Syndrome Association - Montreal Chapter
February 1996	ADD: A Workshop Federation of Jewish Day Schools Professional Development Day
June 1996	ADD: A Practical and Pragmatic Approach to Diagnosis and Management Abbott Laboratories Ottawa, ON
April 1997	Medical Aspects of Epilepsy Epilepsy Montreal- Annual Information Day
September 2002	Migraine Equivalent Children's Care Clinic Pierrefonds, QC
September 2003 & May 2004	21 <sup>st</sup> Century Genetic Diseases Familial Dysautonomia and Canavan Disease National Council of Jewish Women Montreal, QC
October 2006	Quebec Cerebral Palsy Registry Where can we go? RSDBE- 3 <sup>rd</sup> Annual Colloquium Val David, QC

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November 2006	A Tale of Ecstasy (Woe) St. George's High School Westmount, QC
October 2008	What Can Neurology Offer the Child with a Neurodevelopmental Disability? Annual Training Symposium Abe Gold Learning Centre Miriam Foundation Montreal, QC
March 2009 & May 2009	Attentional Difficulties in Special Populations Ortho-Janssen, Montreal, QC
April 2015	Updates on the Evaluation of Global Developmental Delay & Intellectual Disability Shire Pharmaceuticals Gatineau, QC
June 2019	Medical Legal Partnership: collaborating with Lawyers to Address Health Disparities. Justice Pro Bono Montreal, QC

## **5. CLINICAL TEACHING**

- a. MCH Division of Pediatric Neurology - on going supervision of residents (Pediatrics and Neurology) and medical students on in-patient (6-8 weeks/ year) and out patient services (ambulatory clinics 2 half days/week) (1991 - Present)
- b. Neurogenetics Fellows
  - Dr. Ted Fon FRCP(C) (1994-95)
  - Dr. Carol MacMillan FRCP(C) (1993-95)
  - Dr. Anne Marie Sarrazin FRCP(C) (1996-97)

## **6. TEACHING AND LEADERSHIP WORKSHOPS**

- December 2002     **Advanced Clinical Teaching Skills**  
Faculty of Medicine  
McGill University
- January 2010     **Leadership Development Program**  
Faculty of Medicine  
McGill University
- February 2014     **Leadership Development Program**  
Facilitator  
Faculty of Medicine, McGill University

## **F. OTHER CONTRIBUTIONS**

### **1. JOURNALS**

Editorial Board - **Journal of Child Neurology**  
(1996 - )  
(2000 - 2011) Associate Editor - Supplementary Issues

Editorial Board-**Pediatric Neurology** (1997 - )

Editorial Board **Seminars in Pediatric Neurology**  
(1999-2014)

Guest Editor: **Seminars in Pediatric Neurology**  
Topic: Developmental Delay (March 1998)

Guest Editor: **Seminars in Pediatric Neurology**  
Topic: New Technologies in Pediatric Neurology (June 1999)

Guest Editor: **Seminars in Pediatric Neurology**  
Topic: Ethics in Pediatric Neurology (March 2002)

Guest Editor: **Seminars in Pediatric Neurology**

Topic: Current Clinical Perspectives in Cerebral Palsy (March 2004)

Guest Editor: **Seminars in Pediatric Neurology**

Topic: NeuroDevNet: Collaborative Research in the Pediatric Neurosciences (March 2011)

Guest Editor: **Seminars in Pediatric Neurology**

Topic: Update on Cerebral Palsy: Diagnostics Therapies and the Ethics of it All. (June 2013)

Guest Editor: **Seminars in Pediatric Neurology**

Topic: Social Neurology (June 2018)

Editorial Board: **Canadian Journal of Neurosciences**

(2001-2012)

(2006-2012) Associate Editor

Editorial Board: International Child Neurology Association e-Journal (2012-)

International Advisory Board: Oman Medical Journal

(2008- )

AD-HOC Reviews:

American Journal on Mental Retardation

Annals of Neurology

Canadian Medical Association Journal

Child; Care, Health & Development

Developmental Medicine & Child Neurology

Developmental Neuroscience

Epilepsia

European Journal of Pediatric Neurology

Journal of Autism & Developmental Disorders

Journal of Cardiovascular & Thoracic Surgery

Journal of Neuroimaging

Journal of Pediatrics

Lancet

Nature Clinical Practice (Neurology)

Nature Neurology Reviews  
 Neurology  
 Pediatric Research  
 Pediatrics

## **2. GRANT REVIEWS**

Grant Review Committee	FRSQ Comité plénier des demandes de bourse en formation en recherche par les détenteurs d'un diplôme professionnel en sante (1999-2002)
Grant Review Committee	FRSQ Recherche Clinique - Operating Grants (2006-2007)
Grant Review Committee	CIHR Children's Health/Social & Developmental Aspects of Children's and Youth Health Committee (CHI) Operating Grants (2009-2011)
Grant Review Committee	Hospital for Sick Children Foundation Institute of Human Development, Child & Youth Health (HSCF/IHDCYH) External Operating Grants- Young Investigators (2003-2011)
External reviewer	FRSQ Medical Research Council (UK) Muscular Dystrophy Association of Italy Hospital for Sick Children Research Foundation Health Services Research Unit Saskatchewan Canadian Institutes of Health Research Bloorview Children's Hospital Foundation
Internal reviewer	MCH Research Institute Scientific proposals and grant reviews (1992- )
Grant Review Committee	CIHR Stage 1 Project Scheme Competition (2016 - )



Grant Review Committee	CIHR Analyses of Existing Canadian Cohorts and Databases (2016 )
Grant Review Committee	CIHR New Investigator Grants in Maternal, Reproductive, Child & Youth Health (2017-2018)
Member	CIHR College of Reviewers (2018-)

### **3. ADMINISTRATIVE RESPONSIBILITIES (CURRENT & PAST)**

#### Hospital

Montreal Children's Hospital-McGill University Health Center  
 Founder/Director- Pediatrics Neurogenetics Clinic (1992-2009)  
 Member- Brain- Development-Behavior Integrated Clinical Network Initiative (2008- 2011)  
 Director-Division of Pediatric Neurology (2008- 2011)  
 Pediatrician-in-Chief, McGill University Health Centre (MCH) (2011- )  
 Member (ex-officio) Council of Services for Children & Adolescents (2011- )  
 Member (ex-officio) Montreal Children's Hospital Foundation Board of Directors (2011- )  
 Chairman (CEO), Pediatric Medical Group (PMG) and PMG Advisory Committee (2011-2016)  
 Member, MCH Strategic Advisory Group/Clinical-Administration Committee (2011-2013)  
 Member (ex-officio) Executive Committee - Council of Physicians, Dentists and Pharmacists MCH (2011- )  
 Member (ex-officio), Executive Medical Service Staff Association (MSSA) (2011- )  
 Member, MCH Space Committee (2011-2015)  
 Member, MCH Research Institute Management Committee (2011-2015)  
 Member, MUHC Research Institute Management Committee (2015- )  
 Member, MUHC Research Institute Council (2011- )  
 Member, MUHC Qualifications Committee (2011- )  
 Member, MUHC Medical Advisory Committee (2011- )

Member, MUHC Mission Table (2011- )  
Member, MCH Intellectual Capital Committee (2012-2013)  
Member, MCH SERVE (Service en route vers l'excellence) (2012- 2013)  
Member, MUHC Ambulatory Services Steering Committee (2013 - )  
Member, MCH Executive Committee (2013 - )  
Member, MCHF Ad-Hoc Search Committee [Executive Director] (2017)  
Member, MCH Building the Future of Excellence in Academic Childcare (2016- )  
Member, MUHC Search Committee, Chief of Medicine (2018-)

## McGill

Member- Appointments, Promotion and Tenure Committee, Department of Neurology/Neurosurgery (2004-2012)  
Member-Promotion Committee, Department of Pediatrics (2006-2009)  
Member-Search Committee-Chair-Department of Child Psychiatry (MCH/McGill) [2009-2011]  
Member-Search Committee-Bourgeois Chair in Pervasive Developmental Disorder (2009-2011)  
Chairman, Department of Pediatrics (2011- )  
Chair, Promotions Committee - Department of Pediatrics (2011- )  
Member, Faculty of Medicine Leadership Council (2011- )  
Member, Pediatrics Residency Program & Promotion Committee (2011- )  
Member, Executive Committee, McGill réseau universitaire intégré de santé (RUIS) (2011-2015)  
Chair, McGill RUIS Pediatric Subcommittee (2011-2015)  
Member, Search Committee - Chief of Pediatrics, St-Mary's Hospital (2014)  
Chair, Ad Hoc Committee on Governance: Faculty of Medicine (2014)  
Member, AdHoc Committee on Tenure for Clinician Investigators, Faculty of Medicine (2014)  
Member, Faculty of Medicine Deanary Executive Committee - Clinical Chairs Representative (2016 -2018)  
Chair, Cyclical Review Committee, Department of Jewish Studies, Faculty of Arts (2017)  
Member, Ad Hoc Committee, Faculty of Medicine (Academic Affairs), Recruitment, Strategic Planning Task Force (2017)  
Member, Search Committee, Chair of Medicine, Faculty of Medicine

Provincial

Director-Quebec Cerebral Palsy Registry (2003- )  
Member, Quebec Chairs of Pediatrics (2011 - )  
Member, Table régionale des chefs de département de médecine spécialisée de  
Montréal (TRCDMS) - (McGill Faculty of Medicine Representative) (2012-2013)

National

Director/Co-Director - National Cerebral Palsy Registry (2009-2012)  
Co-Director - National Cerebral Palsy Registry (2013 - )

Expert Advisory Board

National Population Study of Neurological Conditions  
Public Health Agency of Canada/Neurological Health Charities  
Canada (2009-2013)

Advisory Board

Treatable Intellectual Disability Endeavour (TIDE) of BC (2010- )  
Vancouver

Project Lead-Cerebral Palsy Demonstration Project

NeuroDevNet NCE (2009-2013)  
Member-Board of Directors NeuroDevNet NCE (2011 -2012)

Member, Pediatric Chairs of Canada (2011- )

Executive Committee, Pediatric Chairs of Canada (2012-2017)

Member, Association of Medical Schools Pediatric Department Chairs (AMSPDC)  
(2012-)

Member, Steering Committee

CHILD-BRIGHT SPOR Network Steering Committee (NSC) (2016- )

**4. INVITED CONSULTATIONS**

Program Review:

Pediatric Neurosciences Project in Epilepsy and Neuromotor disabilities  
BC Children's Hospital (Centre for International Child Health) and Guangzhou

Women's & Children's Medical Centre.  
August 2013

Screening for Developmental Delay  
Canadian Task Force for Preventative Health Care  
Public Health Agency of Canada  
Fall 2015

Review Division of Pediatric Neurology  
Ann Robert Lurie Children's Hospital  
Northwestern University  
Chicago, IL, USA  
Spring 2019

#### **5. SYMPOSIA/COURSES - Organizer/Chair**

Emerging Technologies in Child Neurology (Course)  
Canadian Congress of Neurological Sciences  
Montreal, June 1998

Topics in Neonatal Neurology (Symposia)  
Canadian Association of Child Neurology  
Montreal, June 1998

Ethics of Developmental Disability (Symposia)  
Child Neurology Society  
Montreal, October 1998

Ethics Breakfast Seminar  
Child Neurology Society  
Nashville, October 1999

Medico-legal Issues in Child Neurology  
Canadian Association of Child Neurology  
Ottawa, June 2000

Ethics Breakfast Seminar - Futility in Child Neurology Practice  
Child Neurology Society

St. Louis, October 2000

Breakfast Seminar-Evaluating Developmental Delay  
Child Neurology Society  
Victoria, October 2001

Pediatric Movement Disorders  
Canadian Association of Child Neurology  
Quebec City, June 2003

Intractable Epilepsy  
American Academy of Cerebral Palsy and Developmental Medicine  
Montreal, September 2003  
Ethics Breakfast Seminar - Clinical Research Ethics  
Child Neurology Society  
Miami Beach, October 2003

Ethics Breakfast Seminar - Neurological Determination of Death  
Child Neurology Society  
Ottawa, Ontario, October 2004

Ethics Breakfast Seminar - Enhancement Neurology  
Child Neurology Society  
Los Angeles, California, September 2005

Congress Chairman - Xth International Child Neurology Congress  
Montreal, Quebec, Canada, June 2006

Developmental Delay & Mental Retardation  
Xth International Child Neurology Congress  
Montreal, Quebec, Canada, June 2006

Future Directions in Neurodevelopmental Disabilities  
XIth International Child Neurology Congress  
Cairo, Egypt, May 2010

Cell-to-Person Conference on Cerebral Palsy - NeuroDevNet  
Holland-Bloorview Rehabilitation Centre  
Toronto, Ontario, May 2011

Therapeutic Hypothermia for Newborns with Hypoxic-Ischemic Encephalopathy (HIE): Experience and Future Directions  
Montreal, Quebec, May 2011

Cerebral Palsy - Joint Session of the XIIth International Child Neurology Congress & Australian Academy of Cerebral Palsy & Developmental Medicine  
Brisbane, Australia, May 2012

Child Neurology Short Course - International Child Neurology Association  
Bangalore, India  
November 2012

Co-Organizer - Cerebral Palsy Workshop  
Cape Town, South Africa  
February 2013

Chair, Scientific Program Committee  
XIII<sup>th</sup> International Child Neurology Congress  
Iguazu Falls, Brazil  
May 2014

Creation of a national CP Registry & Its Use as a Platform for Discovery  
5<sup>th</sup> International Congress of Cerebral Palsy  
Stockholm, Sweden  
June 2016

Cost Effective Prevention and Management of Cerebral Palsy  
5<sup>th</sup> International Congress of Cerebral Palsy  
Stockholm, Sweden  
June 2016

Canadian Perspectives on Cerebral Palsy  
International Pediatric Association World Congress  
Vancouver, Canada  
August 2016

Neurological Disorders in Low Resource Settings  
International Pediatric Association World Congress  
Vancouver, Canada  
August 2016

Two Solitudes? Challenges in the Diagnosis, Prevention and Treatment of Cerebral  
Palsy in Low & High Resource Settings  
15<sup>th</sup> Congress of the International Child Neurology Association  
Mumbai, India, November 2018

## **6. COMMITTEES**

### **MCGILL**

LCME Accreditation  
Dept. of Neurology/Neurosurgery Self-Study Task Force (1992)

Undergraduate Medical Education  
Dept. of Neurology/Neurosurgery (1992-1996)  
Search Committee - Director of Division of Pediatric Neurology  
Montreal Children's Hospital (1993-1994)  
Studentship (Post-Graduate) Committee  
Montreal Children's Hospital Research Institute (1996-2002)

Promotions Committee  
Department of Pediatrics (2006-2009)

Appointments Promotion & Tenure Committee  
Departments of Neurology, Neurosurgery (2004-2012)

Chair, Faculty of Medicine Ad Hoc Task Force, Faculty Governance (2014)  
Chair, Promotions Committee - Department of Pediatrics (2011- )  
Member, Faculty of Medicine Leadership Council (2011- )  
Member, Pediatrics Residency Program & Promotion Committee (2011-)  
Member (Clinical Chairs Rep), Deanery Faculty of Medicine (2016-)  
Member, Dean's Task Force on Integrated Clinical Network (2017-)  
Member, Vice-Dean Task Force Academic Affairs (2017-)

Member, Faculty of Medicine Equity Committee (2017- )  
Chair, Cyclical Review, Department of Jewish Studies (2017)  
Member, Chair of Medicine Search Committee (2017-2019)  
Member, Standing Faculty Committee on Chair and Director Review (2018-)

## **HOSPITAL**

Member (1993-2002)  
Institutional Review Board  
Montreal Children's Hospital

Neurosciences Integration Task Force (1996)  
McGill University Health Centre

Neurosciences Integration Task Force (1996)  
Developmental & Cognitive Disabilities Subcommittee  
McGill University Health Centre  
Planning Panel (1996-1997)  
The Patient With a Neurologic Condition  
McGill University Health Centre

Task Force to Review Issues Surrounding the Provision of Pediatric Services (1998)  
Chairman  
McGill University Health Centre

Research Institute Planning Committee (2000)  
McGill University Health Centre

Ambulatory Pediatric Care - Functional Planning Group (2001)  
McGill University Health Centre

Member Executive Committee (2002 -2004)  
Council of Physicians, Dentists & Pharmacists  
Montreal Children's Hospital

Member (2008-2011)  
Brain Development Behavior



Integrated Clinical Network Initiative  
Montreal Children's Hospital-McGill University Health Centre

Member (2014- )  
Global Child Health Advisory Board  
Montreal Children's Hospital

## **7. PROFESSIONAL & LEARNED SOCIETIES**

### **A. Corporation Professionnelle des Medecins du Quebec**

Examination Jury - Neurology Speciality Certification  
Corporation Professionnelle des Medecins du Québec (1993)

### **B. Royal College of Physicians and Surgeons of Canada**

Examination Board - Neurology Speciality Certification  
Royal College of Physicians and Surgeons of Canada (1995-1996)

### **C. Child Neurology Society**

Ethics Committee - Child Neurology Society  
Member (1994-1997)  
Chairman (1997-2009)

Scientific Programming Committee - Child Neurology Society  
Member (1998- 2006)

Chairman - Local Organizing Committee - Child Neurology Society 1998 Annual Meeting (Montreal) [1995-1998]

Chairman - Practice Parameter Sub-Committee; Developmental Disability, Child Neurology Society (1995-2003)

Vice-Chair - Neurodevelopmental Disability Section - Child Neurology Society  
(2007- 2012)

Scientific Programming Committee-Child Neurology Society Member (2010-2014)

Awards Committee Member (2016 - 2018)

Councillor for the East (2017-2019)

**D. American Academy of Neurology**

Ethics, Humanities and Law Committee (2020-)

**E. Canadian Association of Child Neurology**

Research Committee-Canadian Association of Child Neurology (1995-1999)

Secretary-Treasurer- Canadian Association of Child Neurology (1999-2001)

Vice President- Canadian Association of Child Neurology (2001-2003)

President-Canadian Association of Child Neurology (2003-2005)

**F. Canadian Congress/Federation of Neurological Sciences**

Scientific Programming Committee (CACN Rep; 1996 -2003)  
Canadian Congress of Neurological Sciences

Member - Finance Committee (1999-2001)  
Canadian Congress of Neurological Sciences

Member - Board of Directors (1999- 2005)  
Canadian Congress of Neurological Sciences

Member- Executive Board  
Canadian Congress of Neurological Sciences (2003-2005)

## **F. International Child Neurology Association**

Chairman - Congress Organizing Committee - ICNA (International Child Neurology Association) Xth World Congress 2006 - Montreal [1998-2006]

Member - Executive Board (2002-2018)  
International Child Neurology Association

Member - Scientific Programming Committee (2002-2018)  
International Child Neurology Association

Member-Bylaws Committee (2002-2010)  
Chair (2002-2010)  
Executive Board, International Child Neurology Association

Chair-Finance Task Force (2010-2011)  
Executive Board, International Child Neurology Association

Chair - Scientific Program Committee (2012-2014)  
XIII<sup>th</sup> World Congress, Iguazu Falls, Brazil

## **G. American Academy of Neurology**

Member - Guideline Development Sub-committee (2011-2013)

## **H. Canadian Pediatric Society**

Member - Scientific Program Committee  
International Pediatric Congress 2016, Vancouver (2013-2016)

## **I. Pediatric Chairs of Canada**

Member - Executive Board (2012-2017)

## **8. OTHER PROFESSIONAL AND SCIENTIFIC CONTRIBUTIONS**

Member "The Neurologically Impaired Child: Understanding the Fetal/Neonatal Continuum" Workshop Organizing Committee (CIHR)  
Saskatoon October 2002

- 
- Member Working Group (2002- 2006)  
Registre de la Paralyse Cérébrale du Québec  
Réseau de Recherche sur le développement de santé et le bien-être de l'enfant. (RSDSBE)
- Member Cerebral Palsy Axis Steering Committee (2002- 2006)  
Réseau de recherche sur le développement de santé et le bien-être de l'enfant.
- Director Quebec/Canadian Provincial Cerebral Palsy Registry (2003- )
- Participant (Invited) "Enhancing Capacity in Hospital Based Clinical Health Research" Workshop (CIHR), Edmonton, January 2003
- Participant (Invited) "Developmental Trajectory" Workshop (CIHR), Toronto, January 2003
- Member Pediatric Reference Group (2003 -2006)  
Canadian Forum on Neurological Determination of Death
- Invited Delegate- Access > Ability  
National Research Conference  
Vancouver, British Columbia  
August 2006
- Member Scientific Committee  
CN-CYR Annual Meeting  
October 2007
- Member Research Ethics and Regulatory Affairs Network Committee  
Child Youth Research Network (CYRN)  
2007- 2008
- Member National Advisory Committee  
CN-CYR  
2008
- Lead Cerebral Palsy Demonstration Project



July 1991-	Attending Neurologist Division of Pediatric Neurology Montreal Children's Hospital
Sept. 1991-	Consulting neurologist Neonatal follow-up clinic Montreal Children's Hospital
Sept. 1992-Dec. 2009	Director/Consulting Neurologist Neurogenetics Clinic Montreal Children's Hospital
Nov. 1993-1995	Consulting Neurologist Neurometabolic Clinic Montreal Neurological Institute
Summer 2000,2001, 2002, 2003,2004,2005, 2006	Camp Physician Y Country Camp (YMHA-YWHA) Huberdeau, Quebec

## **11. COMMUNITY ACTIVITIES**

Board of Directors - Montreal Oral School for the Deaf (1989-1993)

Partner/Developer/Owner - The Family Care Centre, Pierrefonds, Quebec (1990- 2007) This is a 20,000 square foot multi-tenant private health care centre targeting the needs of the young family. Involved in all aspects of development (conceptualization, design, construction, financing and leasing) and on-going management. Property was sold in 2007.

Board of Directors - Just for Kids Foundation (1991- 2001)

Leadership Development Program - Federation/Combined Jewish Appeal (1993-1995)

Chair - McGill University, Faculty of Medicine, Class of '84 - 10th Anniversary Fund Drive and Reunion (1994)

Chair/Organiser - Preston Robb Neuroscience Day (Nov. 1994); A Festschrift for Dr. Gordon Watters - Montreal Children's Hospital/McGill University

Co-Chair - Medical Section, Young Adult Division, Combined Jewish Appeal (1994)

Special Recognition Award - Combined Jewish Appeal - Campaign 1994

Associate Chair - Young Adult Division Campaign '95, Combined Jewish Appeal

Blue Ribbon Award - Combined Jewish Appeal Campaign 1995

Associate Chair - Young Adult Division Campaign '96, Combined Jewish Appeal

Chair - Medical Division, General Campaign '97, Combined Jewish Appeal

Special Recognition Award - Combined Jewish Appeal Campaign 1997

Chair-McGill University, Faculty of Medicine, Class of '84- 15<sup>th</sup> Anniversary Fund Drive and Reunion (1999)

Leadership Committee - Federation Combined Jewish Appeal, Campaign 2000

Professional Advisory Board - Yaldei Shashuim Developmental Center (1999-2009)

Member-C-PAC (Community Planning Advisory Committee)

Israel/Overseas- Federation Combined Jewish Appeal (2001-2002)

Member Board of Directors- Shaare Zedek Congregation (2002-2004)

Chair-McGill University, Faculty of Medicine, Class of '84- 25<sup>th</sup> Year Fund Drive and Reunion (2008-2009)

Council of Champions  
Childrens First Foundation  
(2018-)

## **G. RESEARCH**

### **1. Research Activity - Synopsis**

An estimated 5%-10% of children will have a neurodevelopmental disability and my research focuses on this population. The research is at all times clinically relevant and pragmatic, seeking to improve our provision of medical care to, and our understanding of, this important segment of the pediatric population. The research undertaken is frequently inter-disciplinary, collaborative and wide ranging in nature drawing upon children typically encountered within the context of pediatric neurology practice. Aspects of this research include; a) elucidating a scientific rationale for the evaluation of childhood disability, b) defining novel childhood disability sub-types, c) identifying children at risk for neurodevelopmental sequelae and possible predictive factors, d) applying novel technologies (e.g. MRS, fMRI, array CGH) of diagnosis to further our understanding of pathogenesis, e) describing etiologies responsible for developmental disability, f) inter-relating aspects of a child's disability profile, g) epidemiologic study of cerebral palsy through a Regional/National Registry approach, and h) ethical/historical issues related to care provision.

Personal expertise and stature in these domains has been recognized with external salary support awards (FRSQ), operating grant funding (both as PI & Co-I), authorship of multiple chapters on these topics in pediatric neurology and general neurology textbooks, present membership on two editorial boards, guest editorship of six issues (monographs) of the quarterly Seminars in Pediatric Neurology (Topics in Developmental Delay; New Technologies in Pediatric Neurology; Ethical Issues in Pediatric Neurology; Cerebral Palsy: Clinical Perspectives; NeuroDevNet: Collaborative Research in the Pediatric Neurosciences; Social Neurology: Environmental Influence on Brain Development), invitations to lecture throughout Canada and internationally (USA, Brazil, Israel, Kenya, China [Hong Kong], Portugal, Australia, Austria, Slovenia, Ukraine, Oman, Egypt, Argentina, Norway, Saudi Arabia, Sweden, Singapore) and leadership and first authorship of a practice parameter endorsed by the American Academy of Neurology, Child Neurology Society and the American Academy of Pediatrics addressing the topic of the evaluation of the young child with a global developmental delay published in 2003. I was also a co-Author on the paper endorsed by the AAP regarding the expectations pertaining to the genetic evaluation of the delayed child. I am the editor of the 2009 book of the Internal Review of Child Neurology Series (IRCN/Wiley-Blackwell) entitled



"Neurodevelopmental Disabilities: Clinical and Scientific Foundations", and co-editor (with Steven P. Miller) of the IRCN 2012 book entitled "Acquired Brain Injury in the Fetus and Newborn". I served as a Co-Editor of Swaiman's Pediatric Neurology (6<sup>th</sup> Edition, 2018) the definitive textbook of my professional field.

I was Project Lead for the Cerebral Palsy Demonstration Project of the NeuroDevNet NCE (2010-2014) responsible for co-ordinating a National multi-dimensional approach to this important childhood neurodevelopmental disability. Within this effort I am directly responsible for implementing a multi-center Canadian Cerebral Palsy Registry, which I continue to co-direct with Maryam Oskoui.

## **2. PERSONAL SUPPORT AWARDS**

RVH-MCH	Research Institute Fellowship (1989)
FRSQ	Post Doctoral Fellowship (1990)
MRC	Post Doctoral Fellowship (1990)
FRSQ	Chercheur Boursier Clinicien (Junior 2) 1997-2001
FRSQ	Chercheur Boursier Clinicien (Senior) 2001-2005
MCH Foundation	Personal Award (2000-present)
McGill University	Harvey Guyda Chair in Pediatrics (2012-)

## **3. RESEARCH GRANTS**

- a) 1996 - 1998 Hospital for Sick Children Foundation  
 "Towards the Formulation of a Rational Assessment of Developmental Delay in the Young Child"  
 M. Shevell, (principal investigator), A. Majnemer, P. Rosenbaum (co-investigators).  
 \$40,000/yr.

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- b) 1996 - 1997 Montreal Children's Hospital Research Institute  
"PET Scanning in Asperger Syndrome"  
M. Shevell (Principal Investigator), M.E. Dilenge, D. Reutens, L. Mottron (Co-  
Investigators)  
\$7,000.00
- c) 1997 - 1998 Heart and Stroke Foundation  
Early Indicators of Developmental Sequelae in Children with Congenital Heart  
Defects  
A. Majnemer (principal investigator), M. Shevell (co- investigator)  
C. Limperopoulos, C. Rohlicek, B. Rosenblatt.  
\$32,000
- d) 1999-2002 March of Dimes  
A. Majnemer (Principal Investigator), M. Shevell (Co-investigator), C.  
Limperopoulos, C. Rohlicek, B. Rosenblatt  
Long-term developmental Outcomes of infants with Congenital Heart Disease  
72,283(US)
- e) 1999-2000 Hannah Institute for the History of Medicine  
M. Shevell (Sole Investigator)  
The Historian as Activist: Leo Alexander, Medical Abuses of the Third Reich and  
the Formulation of the Nuremberg Code  
\$5,405
- f) 1999-2000 Reseau Provincial de Recherche en Adaptation Readaptation (REPAR)  
M. Shevell (Co-Principal Investigator)  
Developmental and functional consequences at school entry of early childhood  
developmental delay.  
\$11,179
- g) 2001-2004 FRSQ  
M. Shevell (Principal Investigator), A. Majnemer, R. Platt (Co-Investigators).  
Functional & developmental consequences at school entry of early childhood  
developmental delay.  
\$85,673/3 years

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- h) 2003-2005 United Cerebral Palsy Research Foundation  
A. Majnemer (Principal Investigator), M. Shevell (Co-Investigator).  
Determinants of Life Quality in Children with Cerebral Palsy.  
\$49,583(US)/yr
- i) 2003-2007 FRSQ (RDSBE)  
M. Shevell (Principal Investigator) & REPACQ  
Quebec Provincial Cerebral Palsy Registry  
\$25,000/yr
- j) 2003-2004 FRSQ (RDSBE)  
M. Shevell (Principal Investigator), A. Majnemer, R. Birnbaum, F. Dumais, J. Gosselin, L. Koclas, L. Dagenais Co-investigators)  
Evaluating the process of diagnosis of the child with Cerebral Palsy  
\$20,000
- k) 2003-2004 Reseau Provincial de Recherche en Adaptation  
Readaptation  
M. Shevell (Principal Investigator) Caroline Erdos, Annette Majnemer, Elin Thordardottir, Richard Webster, Alan Evans, Karen Evans, Eva Kehayia (Co-investigators)  
Morphometric MRI of Children with Specific Language Impairment  
\$14,900
- l) 2004-2005 MCH-Research Institute  
M. Shevell (Principal Investigator), D. Rydz (MSc), A. Majnemer, R. Birnbaum, M. Shiller (Co-Investigators)  
Ambulatory Developmental Screening \$7,000
- m) 2006-2008 Hospital for Sick Children Foundation  
C. Limperopoulos (Principal Investigator), A.J. Du Plessis, W. Tworetzky, R. Robertson, L. Jutras, A. Majnemer, M. Shevell, J. W., C. V. Rohlicek, B. Rosenblatt, (Co-Investigators)  
Brain Growth and Microstructural Integrity in the Fetus with Congenital Heart Disease  
\$65,000 per year

- n) 2006-2010 Canadian Institute for Health Research  
C. Limperopoulos (Principal Investigator), M. Shevell (nominated Principal Investigator) [2010], A.J. Du Plessis, A.C. Evans, A.P. Laussen, A. Majnemer, J. W. Newburger, R. Roberston, C. V. Rohlicek, B. Rosenblatt, W. Tworetzky (Co-Investigators)  
Brain and Growth Development in the Fetus and Newborn with Congenital Heart Disease  
\$194,369 per year
- o) 2006-2008 Janssen-Ortho  
A. Majnemer & M. Shevell (Co-Investigators), M. Brassard-Racine (MSc student)  
Handwriting in Children with Attention Deficit Hyperactivity Disorder  
\$5,000.00
- p) 2007- 2009 REPAR  
L. Nadeau, F. Malouin, R. Tessier, D. Anderson, A. Majnemer, C. Schneider, N. Boucher, M. Shevell (Co-Investigator), L. Snider, D. Feldman, P. Beaupre, D.B. Maltais  
Participation sociale des jeunes ayant une déficience motrice cérébrale: une approche en réseau pour assurer la continuité des services de l'enfance à l'âge adulte  
\$30 000.00
- q) 2007-2009 FRSQ  
B. Mazer (PI), A. Majnemer, L. Lach, E. Thordardottir, M. Shevell (Co-Investigator)  
Rehabilitation services for preschool children with primary language impairment: Individual versus dyad intervention  
\$129,965
- r) 2007-2008 REPAR  
A Majnemer (PI), D. Keiko Shikako Thomas, M. Shevell (Co-Investigator), L. Lach, M. Law, N. Schmitz, A. Colver, K. Montpetit, F. Martineau, M. Gardiner, L. Koclas  
Determinants of participation in leisure activities in adolescents with cerebral palsy  
\$40,000

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- s) 2007-2011 CIHR  
A Majnemer (PI), M, Shevell (Co-Investigator), L. Lach, M. Law, W. Schmitz (Co-I)  
Determinants of quality of life and participation in leisure activities in adolescents  
with cerebral palsy.  
\$300,834
- t) 2012-2013 Montreal Children's Hospital Research Institute  
Clinical Projects Competition  
M Shevell (Co-Investigator), E Constantin (PI), R Brouillette, E Simard-Tremblay,  
Linda Horwood, Reut Gruber  
Doubling crossover pilot study of Melatonin in the treatment of disorders of  
initiation and maintenance of sleep in children with cerebral palsy.  
\$14,634
- u) 2010-2014 NeuroDevNet NCE  
Cerebral Palsy Demonstration Project  
M Shevell (PI), J Yager, M Fehlings, S Miller, S Scherer, A Majnemer  
\$730,000/yr annually
- v) 2011-2014 Public Health Agency of Canada  
Expansion of a Canadian Multi-Regional Population-Based Cerebral Palsy Registry  
M Shevell (PI), A Majnemer, D Fehlings, J Andersen, M Oskoui, L Dagenais, D  
Buckley, E Wood, A Kirton, E van Rensburg, K Mulpuri  
\$260,000/ yr annually
- w) 2011-2013 Public Health Agency of Canada  
Neurological Registry Best Practice Guidelines and Implementation Toolkit  
L.Korngut, T. Pringsheim, N. Jette (Co-PIs)  
M. Shevell (Co-I)  
\$209,496 (total).
- x) 2012-2015 CIHR/Hospital for Sick Kids Foundation  
Prevalence and Healthcare Utilization Pattern of Children with Cerebral Palsy in  
Quebec  
M. Oskoui (PI)  
M. Shevell, L. Joseph (Co-PIs)  
\$205,140 (total)

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- y) 2012-2014 Cerebral Palsy International Research Foundation  
Targeted Next Generation Sequencing of Candidate Genes in 192 Cerebral Palsy Patients  
J. Connolly (PI)  
M. Shevell (Co-Investigator)  
\$100,000 (Total)
- z) 2014-2018 CIHR  
A. Majnemer (PI), S Ahmed, J Andersen, H Bergman, A Bussieres, L Dagenais, VB Darsaklis, D Fehlings, A Kirton, P Li, R Rodriguez, M Shevell, K Shikako Thomas, L Snider, J Thibault (Co-I)  
PROMPT Identification of Cerebral Palsy: Primary-care Referral of Motor-impaired children: Physician Tools  
\$451,604
- aa) CIHR Institute Community Support 2015: Planning Grant  
K. Shikako-Thomas (PI), M Shevell, M Oskoui, C Camdem, L Lach, I Émond, N Trudelle, W Wittich (Co-I), D Maynard, MC Major, M Guest (Collaborators)  
CP<sup>2</sup>: Engaging Community Partners for Children's Participation  
\$12,500
- bb) 2014 REPAR  
K Shikako-Thomas, (PI), W Wittich, M Shevell, M Oskoui, L Lach, C Camden, D Maynard, M Guest, N Bergeron (Co-I)  
Programme 4,5 - Programme de soutien à la participation sociale (OPHQ/REPAR)  
\$35,000/2 years
- cc) 2014 International Child Development Association (ICNA)  
D Bearden, M Shevell  
Global burden of diseases seed grant - Botswana CP registry  
\$6,700  
Matched by Neuro Dev Net NCE \$5,000; U Laval CP Chair \$10,000

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- dd) 2015-2018 Kids Brain Health Foundation (NeuroDevNet Program Research Awards)  
M. Oskoui(Co-PI), M, Shevell(Co-PI)  
The Canadian Cerebral Palsy Registry  
\$301,800
- ee) 2015-2022 CIHR Foundation Grant  
CA Kirton (PI), M Shevell (Co-I)  
The Alberta Perinatal Stroke Program: Neuromodulation to Optimize Outcomes  
\$2,823,520
- ff) 2016-2019 Research Foundation of the Cerebral Palsy Alliance (Australia)  
M Oskoui (PI), M. Shevell  
Genetic Insights into the Causes of Cerebral Palsy  
\$241,911
- gg) 2016-2018 Canadian Pediatric Surveillance Program  
A Demarsh and C Nelson (PIs), A Bitnun, S Miller, A Moore, C Moore Hepburn, S Morris, M Shevell (Co-PIs)  
Severe microcephaly
- hh) 2018-2020 Kids Brain Health NCE  
iCAN: Integrative Canadian Neurodiversity Platform  
Dr. Maryam Oskoui (PI), Dr. Michael Shevell (Co-I), Dr. Darcy Fehlings (Co-I),  
Dr. Adam Kirton (Co-I), Dr. John Andersen (Co-I), Dr. Keiko Shikako-Thomas  
(Co-I), Dr. Jill Zwicker (Co-I), Dr. Francois Bolduc (Co-I), Dr. Annette Majnemer  
(collaborator), Dr. Michael Kruer (collaborator), Ms. Janice Bushfield  
(collaborator).  
\$200,000
- ii) 2018-2020 Kids Brain Health NCE  
Canadian Network for Personalized Interventions in Intellectual Disability  
Dr. Francois Bolduc (PI), Tim Caulfield (Co-I), Keiko Shikako-Thomas (Co-I),  
Virginie Cobigo (Co-I), Helene Ouellette-Kuntz (Co-I), Michael Paulden (Co-I),  
Michael Shevell (Co-I), Lonnie Zwaigenbaum (Co-I), Gail Andrew (Co-I), Keanan  
Largo-Afonso (Partner), Michael Tranfaglia (Partner), Carlo Paribello (Partner),  
Dena Pederson (Partner), Sebastien Jacquemeont (Co-I), Kim Boycott (Co-I),  
Maryam Oskoui (Co-I), Sarah Lippe (Co-I), Francois Corbin (Co-I).

\$ 100,000

Congress Support Grants

- a) Epilepsy Canada  
10<sup>th</sup> International Child Neurology Congress  
Family Forum  
\$5,000
- b) Cerebral Palsy Axis  
Reseau Developmental et Bien-Etre en Sante  
10<sup>th</sup> International Child Neurology Congress - Family Forum  
\$5,000
- c) Hospital for Sick Children Foundation  
10<sup>th</sup> International Child Neurology Congress  
Family Forum  
\$5,000
- d) NeuroDevNet NCE  
Cerebral Palsy Workshop Africa  
Brain Camp  
\$15,000

Multi-Centre Studies-Participant

- a) Localizing Genes Predisposing to Idiopathic Generalized Epilepsy. Principal Investigator: Guy Rouleau MD, PhD (MGH)
- b) Safety & Efficacy of Tiagabine HCl in the Treatment of Pediatric Patients with Partial Seizure. Principal Investigator: Abbott Laboratory (Phase IV Clinical Trial)
- c) Validation of a Canadian Quality of Life Instrument for Childhood Epilepsy. Principal Investigator: Dr. G. Ronen (McMaster)
- d) Ketogenic Diet - The Canadian Experience: Dr. R. Curtis (U. Toronto)
- e) Health Related Quality of Life in Children with Epilepsy. Principal Investigator: Simon Levin (U Western Ontario)



## H. PUBLICATIONS

\*Indicates student/resident or fellow under my **direct** supervision.

### 1. PAPERS (Peer Reviewed)

1. **Shevell MI**, Sinclair DB, Metrakos K: Benign Familial Neonatal Seizures: Clinical and electro-encephalographic characteristics. **Ped Neurol.** 2:272-275, 1986.
2. **Shevell MI**, Bernard B, Adelson JW, et al: Crigler-Najjar syndrome type I: Treatment by home phototherapy followed by orthotopic hepatic transplantation. **J. Peds.** 110:429-431, 1987.
3. **Shevell MI**, Stewart JD: Laceration of the common peroneal nerve by a skate blade. **CMAJ** 139:311-312, 1988.
4. **Shevell MI**, Silver K, O'Gorman AM et al: Neonatal dural sinus thrombosis. **Ped. Neurol.** 5:161-165, 1989.
5. **Shevell MI**, Rosenblatt B, Silver K et al: Congenital inflammatory myopathy. **Neurology** 40:1111-1114, 1990.
6. Majnemer A, Brownstein A, Kadanoff R and **Shevell MI**: A comparison of neurobehavioral performance between healthy full-term and low risk preterm infants at term. **Dev. Med. Child Neurology** 34: 417-424, 1992.
7. **Shevell MI**, Carmant L, Meagher-Villemure K, Developmental Bilateral Perisylvian Dysplasia. **Pediatric Neurology** 8:299-302, 1992.
8. **Shevell MI**, and Rosenblatt DS, The neurology of cobalamin. **Canadian Journal of Neurological Sciences** 19:472-486, 1992.
9. **Shevell MI** Racial hygiene, active euthanasia and Julius Hallervorden. **Neurology** 42:2214-2219, 1992.
10. **Shevell MI**, Matiaszuk N, Ledley FD, Rosenblatt DS, Varying Neurological Phenotypes Among **MUT**<sup>o</sup> and **MUT**- Patients With MethylmalonylCoA Mutase Deficiency. **American Journal of Medical Genetics** 45:619-624, 1993.

11. Kuzniecky R, Andermann F, Guerrini R, and the **CBPS Multicenter Collaborative Study Group**, Congenital Bilateral Perisylvian Syndrome Study of 31 Patients. **Lancet** 341: 608-12, 1993.
12. **Shevell MI**, Rosenblatt B, Silver K, Inflammatory Myopathy and Walker-Warburg Syndrome: Etiologic Implications. **Canadian Journal of Neurological Sciences** 20:227-229, 1993.
13. **Shevell MI**, Silver K, Watters GV, Rosenblatt B, Transient Oculosympathetic Paresis (Group II Raeder's Paratrigeminal Neuralgia) of Childhood: A Migraine Variant. **Pediatric Neurology** 9:289-292, 1993.
14. Leppert M, McMahon WM, Quattlebaum TG, Bjerre I, Zonana J, **Shevell MI**, Andermann E, Rosales TO, Ronen GM, Connolly M, Anderson VE, Searching for Human Epilepsy Genes: A Progress Report. **Brain Pathology** 3:357-369, 1993.
15. **Shevell MI**, Evans BK, The "Schaltenbrand Experiment" -Wurzburg 1940: Scientific, Historical and Ethical Perspectives. **Neurology** 44:350-356, 1994.
16. Kuzniecky R, Andermann F, Guerrini R and the **CBPS Multicenter Collaborative Study**. The Epileptic Spectrum in Congenital Bilateral Perisylvian Syndrome. **Neurology** 44:379-85, 1994.
17. \*Sylvain M, Arnold DL, Scriver CR, Schreiber R, **Shevell MI**, Magnetic Resonance Spectroscopy in Niemann-Pick Disease Type C: Correlation With Diagnosis and Clinical Response to Treatment With Cholestyramine & Lovostatin. **Pediatric Neurology** 10:228-232, 1994.
18. \*Ross IB, **Shevell MI**, Montes JL, Rosenblatt B, Watters GV, Farmer JP, O'Gorman AM. Encephaloduroarteriosynangiosis for the Treatment of Childhood Moya-Moya Disease. **Pediatric Neurology** 10:199-204, 1994.
19. Matthews PM, Otero LJ, Marchington DR, Brown RM, Howes R, Meadows LS, **Shevell MI**, Scriver CR, Brown GK, Pyruvate Dehydrogenase Deficiency: Clinical Presentation and Molecular Genetic Characterization of Five New Patients **Brain** 117: 435-443, 1994.

20. **Shevell MI**, Matthews PM, Scriver CR, Brown RM, Otero L, Legris M, Brown GK, Arnold DL. Cerebral Dysgenesis and Lactic Acidemia With Reduced Muscle Phosphorylation Potential: An MRI/MRS Phenotype Associated With Pyruvate Dehydrogenase Deficiency. **Pediatric Neurology** 11:224-229, 1994.
21. Reith J, Benkelfat C, Sherwin A, Yasuhara Y, Kuwabara H, Andermann F, Barchneff S, Cumming P, Diksic M, Dyve SE, Etienne P, Evans AC, Lal S, **Shevell MI**, Savard G, Wong DF, Chouinard G, Gjedde A. Elevated DOPA Decarboxylase Activity in Living Brain of Patients With Psychosis. **PNAS** 91:11651-4, 1994.
22. **Shevell MI**, DiDomenicantonio G, Sylvain M, Arnold DL, O'Gorman A & Scriver CR. Glutaric Acidemia Type II: Neuroimaging and Spectroscopy Evidence for Developmental Encephalomyopathy. **Pediatric Neurology** 12:350-354, 1995.
23. \* McKelvey JR, Lambert R, Mottron L, **Shevell MI**. Right Hemisphere Dysfunction in Asperger's Syndrome. **Journal of Child Neurology** 10:310-314, 1995.
24. Majnemer A, **Shevell MI**. The Diagnostic Yield of the Neurologic Assessment of the Developmentally Delayed Child. **Journal of Pediatrics** 127: 193-199, 1995.
25. Gelb BD, Cooper E, **Shevell MI**, Desnick RJ. Refined Genetic Mapping of the Cleidocranial Dysplasia (CCD) Locus on Chromosome 6p21 **American Journal of Medical Genetics** 58: 200-205, 1995.
26. Fon EA, Sarrazin J, Meunier C, Alarcia J, **Shevell MI**, Philippe A, Leboyer M, Rouleau GA. Adenylosuccinate Lyase (ADSL) and Infantile Autism. **American Journal of Medical Genetics (Neuropsychiatric Genetics)** 60: 554-557, 1995.
27. Al-Fifi S, **Shevell MI**, Teebi AS. Autosomal Dominant Russell-Silver Syndrome. **American Journal of Medical Genetics** 61: 96-97, 1996.
28. **Shevell MI**, Rosenblatt B, Watters GV, O'Gorman AM, Montes JL. "Pseudo-BECS": Intracranial Focal Lesions With Clinical and Electroencephalographic Features Suggestive of a Primary Partial Epilepsy Syndrome. **Pediatric Neurology** 14: 31-35, 1996.

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30. **Shevell MI**, Gordon V, Watters, MD: A Brief Biography **Pediatric Neurology** 14:182-184 1996.
31. **Shevell MI**, Acephalgic Migraines of Childhood. **Pediatric Neurology** 14:211-215,1996.
32. **Shevell MI**, Neurology`s Witness to History: The CIOS reports of Leo Alexander. **Neurology** 47:1096-1103,1996.
33. **Shevell MI**, and Majnemer A. Clinical Features of Developmental Disability Associated With Cerebellar Hypoplasia. **Pediatric Neurology** 15:224-229, 1996.
34. **Shevell MI**, Colangelo P, Treacy E, Polomeno R, Rosenblatt B. Progressive Encephalopathy With Edema, Hypsarhythmia and Optic Atrophy (PEHO) Syndrome. **Pediatric Neurology** 15:337-339,1996.
35. **Shevell MI**, Familial Acephalgic Migraines. **Neurology** 48:776-77,1997.
36. **Shevell MI**, Schreiber R, Pemoline Associated Hepatic Failure: A Critical Analysis of the Literature. **Pediatric Neurology** 16:14-16,1997.
37. Limperopoulos C, Majnemer A, Rosenblatt B, **Shevell MI**, Rohlicek C, Tchervenkov C. Agreement Between the Neonatal Neurological Examination and a Standardized Assessment of Neurobehavioural Performance in a Group of High Risk Newborns. **Pediatric Rehabilitation** 1:9-14,1997.
38. Rosenblatt DS, Aspler AL, **Shevell MI**, Fletcher BA, Fenton WA, Seashore MR. Clinical Heterogeneity and Prognosis in Combined Methylmalonic Aciduria and Homocystinuria (cblC). **Journal of Inherited Metabolic Diseases** 20:528-538,1997.
39. \*Parent S, **Shevell MI**. The First To Perish: Child Euthanasia in the Third Reich. **Arch Pediatric Adolescent Medicine** 152:79-86, 1998.

40. **Shevell MI.** Neurology's Witness to History (Part 2): Leo Alexander's Contributions to the Nuremberg Code, 1946-47. **Neurology** 50:274-278, 1998.
41. Eydoux P, Kasprzak L, Elliott Am, **Shevell MI**, Lejtenyi C, Derkaloustian VM. Deletion of 22q11 in two Male Siblings in the Absence of Parental Chromosomal Abnormalities. **American Journal of Medical Genetics** 75:288-291, 1998.
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43. **Shevell MI**, Majnemer A, Schiff D. Neurological Perspectives of Crigler-Najjar Syndrome Type I. **Journal of Child Neurology** 13:265-269, 1998.
44. Novotny E, Ashwal S, **Shevell MI**. Proton Magnetic Resonance Spectroscopy: An Emerging Technology in Pediatric Neurology Research. **Pediatric Research** 44:1-10,1998.
45. \* Miller SP, **Shevell MI**, Rosenblatt B, O'Gorman A, Andermann F. Congenital Bilateral Perisylvian Polymicrogyria Presenting as Congenital Hemiplegia. **Neurology** 50:1866-1869,1998.
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47. Carmant L, Decarie J.C., Fon E, **Shevell MI**. Transient Visual Symptoms as the Initial Manifestations of Childhood Adrenoleukodystrophy. **Pediatric Neurology** 50:62-64,1998.
48. \* Croteau D, **Shevell MI**, Rosenblatt B, Dilenge M.E., Andermann F. Treatment of Absence Status in the Lennox-Gestaut Syndrome with Propofol. **Neurology** 51:315-316,1998.
49. \* Miller S, **Shevell MI**, Silver K, Kramer M & MCH Neuromuscular Group. The Diagnostic Yield of the Nerve-Muscle-Skin Biopsy in Pediatric Neurology Practice.

- Pediatric Rehabilitation** 2:95-100,1998.
50. Pranzatelli MR, Huang YY, Tate E, Goldstein DS, Holmes CS, Goldstein EM, Ketner K, Kinast M, Lange BM, Sanz A, **Shevell MI**, Stanford RE, Taff IP. Monoaminergic Effects of High-dose Corticotropin in Corticotropin-responsive Pediatric Opsoclonus-myoclonus. **Movement Disorders** 13(3):522-528,1998.
  51. **The Ethics & Practice Committees of the Child Neurology Society.** Child Neurologist as Expert Witness. **J Child Neurol** 3:398-401,1998.
  52. \* Miller SP, Tasch T, Sylvain M, Farmer JP, O'Gorman AM, **Shevell MI**. Tuberous sclerosis complex and neonatal seizures. **J Child Neurol** 13:619-623,1998.
  53. Limperopoulos C, Majnemer A, **Shevell MI**, Rosenblatt B, Rohlicek C, Tchervenkov C. Neurobehavioural Status of Newborns with Congenital Heart Disease. **Pediatrics** 103:402-408,1998.
  54. \* Miller SP, Riley P, **Shevell MI**. The Neonatal Presentation of Prader-Willi Syndrome Revisited. **J. Peds** 134:226-228,1999.
  55. Novotny E, Hyder F, **Shevell MI**, Rothman D. GABA changes with vigabatrin in the developing human brain. **Epilepsia** 40:462-6,1999.
  56. **Shevell MI** Neurosciences in the Third Reich: From Ivory Tower to Death Camps. **Can J Neurol Sci** 26:132-138,1999.
  57. \* Dilenge ME, **Shevell MI**, Dinh L. Restricted unilateral Sydenham's chorea: Reversible contralateral striatal hypermetabolism demonstrated on SPECT scanning. **J. Child Neurol** 14:509-513,1999.
  58. Birnbaum R, Majnemer A, **Shevell MI**, Limperopoulos C, Wood-Dauphinees. Psychometric properties of an upper extremity steadiness tester in children of school age. **Canadian Journal of Rehabilitation** 12:285-293,1999.
  59. Limperopoulos C, Majnemer A, Rosenblatt B, **Shevell MI**, Rohlicek C, Tchervenkov C. Multimodality evoked potential findings in infants with congenital heart defects. **J Child Neurol** 14:702-707,1999.

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61. Majnemer A, Riley P, **Shevell MI**, Birnbaum R, Greenstone H, Coates AL. Severe bronchopulmonary dysplasia increases risk for later neurologic and motor sequelae in preterm survivors. **Dev Med Child Neurol** 42: 53-60,2000.
62. \* Miller SP, LI LM, Cendes F, Rosenblatt B, **Shevell MI**, Andermann F & Arnold DI. Neuronal dysfunction in pediatric temporal lobe epilepsy. **Pediatr Neurol** 22:281-286,2000.
63. **Shevell MI**, Majnemer A, Rosenbaum P, Abrahamowicz M. Etiologic yield of subspecialists evaluation of young children with global developmental delay. **J Pediatr** 136:593-598,2000.
64. \* Miller SP, **Shevell MI**, Patenaude Y, Poulin C & O'Gorman AM. Septo-optic dysplasia plus: A spectrum of malformations of cortical development. **Neurology** 54:1701-1703,2000.
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- Care, Health and Development** 28:29-37,2002.
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  83. Limperopoulos C, Majnemer A, **Shevell MI**, Rohlicek C, Rosenblatt B, Tchervenkov C, Darwish HZ. Predictors of developmental disabilities following open heart surgery in young children with congenital heart defects. **J Pediatr** 141:51-58,2002.
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## 2. CHAPTERS/INVITED PAPERS

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