

## CURRICULUM VITAE

Michael Shevell, MD CM, FRCPC, FCAHS

Chairman, Department of Pediatrics,  
McGill University.

Harvey Guyda Chair of Pediatrics

Pediatrician-in-Chief,  
Montreal Children's Hospital,  
McGill University Health Centre (MUHC)  
(November 2011-June 2021)

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

h-index 75  
citations 20365  
i-10 index 266  
papers > 100 citations 52  
(July 2021)

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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 (Pediatrics & Pediatric Critical Care Medicine) MSc (Candidate) - Epidemiology & Biostatistics (McGill) Meaghan - May 21, 1991 - BA (Anthropology), MA (Human Rights, Columbia University, NY)
<b>LANGUAGES</b>	English, French (spoken & written)

**B. EDUCATION**

1975	High School Diploma Wagar High School, Cote St. Luc, Que.
1977	D.E.C. - Health Sciences Marianopolis College

1980 B.Sc. - Physiology  
McGill University

1984 MD, CM  
McGill University

### **POST GRADUATE TRAINING**

#### **CLINICAL**

84/07/01-85/06/30 Straight Internship (Pediatrics)  
Montreal Children's Hospital

85/07/01-86/06/30 Resident II (Pediatrics)  
Montreal Children's Hospital

86/07/01-87/01/11 Resident II (Neurology)  
Montreal General Hospital

87/01/12-87/06/30 Resident II (Neurology)  
Montreal Children's Hospital

87/07/01-87/09/20 Resident III (Neurology)  
Fellow in EMG  
Montreal General Hospital

87/09/21-88/01/10 Resident III (Neurology)  
Fellow in EEG  
Montreal Children's Hospital

88/01/11-88/06/30 Resident III (Neurology)  
Chief Resident  
Montreal Neurological Hospital

88/07/01-89/01/15 Resident IV (Neurology)  
Montreal Children's Hospital

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

January-July 2020            Advanced Health Leadership Program  
Rotman School of Management  
University of Toronto

### **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 <u>Tenure</u> (GFT {U}) Depts of Neurology/Neurosurgery & Pediatrics McGill University
June 2005-	Full Professor (GFT {U}) Dept. of Neurology/Neurosurgery & Pediatrics McGill University
November 2011- June 2021 (inclusive)	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- June 2021 (inclusive)	Pediatrician-in-Chief Montreal Children's Hospital McGill University Health Centre

**RESEARCH INSTITUTE**

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



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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]
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

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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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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
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

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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
April 2020	Edward Emery Lecturer and Visiting Professor University of Vermont Burlington, Vermont (Postponed COVID-19 Pandemic)

## **E. TEACHING**

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

1989-1990	Neuroanatomy Demonstrator- 12 hrs/yr Central Nervous System Course (Med I) McGill University
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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
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
Dr. Steven Miller	Co-Supervisor (Douglas Arnold) Resident's Research Elective (Neurology) Proton MRS in Pediatric Temporal Lobe Epilepsy 1999

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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
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

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	The ANA Report on Eugenical Sterilization 2003
Dr. Myriam Srouf	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
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

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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
Matthew Sloan	Supervisor Child Neurology Foundation McGill Faculty of Medicine Summer Student Research Bursary Outcomes in Partial Complex Epilepsy 2008
Elana Pinchefsky	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



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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
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

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Linda Horwood	Co-Supervisor (Evelyn Constantin, MDCM) PhD (Neuroscience) Sleep disorders in children with cerebral palsy 2012-2019
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 & Indigenous Children" 2018-2020

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Arielle Springer	MDCM II Medical Student Research-McGill "Normal MRI in CP: What Does it Mean?" 2018
Melissa Vitagliano	MDCM II Medical Student Research- McGill Hemiplegic CP + Strokes 2018 - 2020
Amaar Marefi	R-III Pediatric Neurology Case Control Study Determinants of Term Spastic Diplegia Determinants of Term PVL 2020
Heather Pekeles	R-I Pediatric Neurology Severity of Cerebral Palsy Post Asphyxia in the Cooling Era 2020
Amira Rouhbi	MDCM II Medical Student Research Cord pH and Outcomes in Cerebral Palsy 2021 -
Samantha Eisman	MDCM II Early Features as Inferred Predictors of Life Expectancy in Children with Cerebral Palsy 2021
Olivier Fortin	RV Asphyxial Changes on MRI and Presence of Neonatal Encephalopathy in Children with Cerebral Palsy: A Clue to Timing? 2021

## **2A. Thesis Advisory Committees**

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

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\* Clinician Investigators

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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 Senior
Renee-Myriam Boucher	2002-05	Universite de Laval- Assistant Professor
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	Associate Professor, McGill University FRQ-S Chercheur Boursier Clinicien Jr2
*Genevieve Bernard	2003-08	Associate Professor, McGill University FRQ-S Chercheur-Boursier Clinician Senior
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

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Elisabeth Simard Tremblay	2006-11	Assistant Professor, McGill University
Ali Al-Wadei	2008 - 12	Division Head, Pediatric Neuroscience King Fahad Medical City, National Neuroscience Institute Assistant Professor, College of Medicine King Saud University Riyadh, Kingdom of 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, McGill University
Nicolas Chrestian	2012-14	Assistant Professor, Université Laval
Elana Pinchefsky -	2011-16	Assistant Professor, Université de Montréal
Mohammed Al-Muqbil	2011-16	Post-Doctoral Fellow-Institute of Genetic Medicine-Johns Hopkins University
Ghalia Al-Yazidi	2012-17	Consultant Pediatric Neurologist King Abdul Aziz Medical City Jeddah, Kingdom of Saudi Arabia
Salva Sadeghi	2013-2018	Private Practice, Montreal
Fatema Al Amrani	2014-2018	Pediatric Neurologist, Sultan Qaboos University Hospital, Muscat Oman
Laurence Graquelin	2015-2018	Assistant Professor, Université Laval
Abdulla Alawadhi	2014 - 2019	Pediatric Neurologist, Dubai Health Authority, UAE
Olivier Fortin	2017 -	RV (McGill)
Mohammed Ashour	2017 -	RV (McGill)

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Amaar Marefi	2018 -	RIV (McGill)
Veronica Birca	2018 -	RIV (McGill)
Ahmed Sahly	2019 -	RIII (McGill)
Amytice Mirchi	2019 -	RIII (McGill)
Heather Pekeles	2020 -	RII (McGill)
Gabrielle Lambert	2021 -	RI (McGill)

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

##### **a) McGILL**

March 1993	Neonatal Seizures - Neonatal Grand Rounds McGill University
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

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- 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
- 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



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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
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 Equivalents 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
January 2003	The Genetics of Convulsive Disorders in the Neonate & Infant Genetics Teaching Program Montreal Children's Hospital

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|---------------|--|
| March 2003    | What Happens to the Delayed Child?<br>Outcomes of Children with Early Developmental Delay<br>Pediatric Grand Rounds<br>Montreal Children's Hospital        |
| December 2003 | Evaluating Developmental Delay<br>Neurology Grand Rounds<br>Montreal Neurological Institute  |
| March 2004    | Evaluating Childhood Developmental Delay<br>Residents Basic Science Seminar Series<br>Montreal Children's Hospital   |
| January 2005  | Developmental and Functional Outcomes at School-Age of Early<br>Childhood Developmental Delay<br>Neurology Grand Rounds<br>Montreal Neurological Institute |
| October 2005  | Neurobiology and Outcomes of Developmental<br>Language Impairment<br>Pediatric Grand Rounds<br>Montreal Children's Hospital                                |
| November 2005 | School Age Outcomes of Young Children with Developmental Delay<br>Dept. of Psychology - McGill University  |
| June 2006     | Migraines and Migraine Equivalents in Ambulatory<br>Practice: A Practical Approach<br>Emergency Department Rounds<br>Montreal Children's Hospital          |
| October 2008  | What the Generalist Needs to Know about Headaches: A Practical<br>Approach<br>General Pediatrics Divisional Rounds<br>Montreal Children's Hospital         |
| February 2009 | New Insights & Challenges in Our Understanding & Management of<br>Cerebral Palsy<br>Pediatric Grand Rounds<br>Montreal Children's Hospital                 |

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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

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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
December 2019	Fred Andermann & the MCH Andermann Tribute Symposium Montreal Neurological Institute
January 2021	Cerebral Palsy: An Overview Academic Half Day Department of Neurology/Neurosurgery
March 2021	The Expert & Medico-Legal Litigation; A Panel Discussion Faculty of Law
June 2021	Leadership 101 Goldbloom Lecture Pediatric Grand Rounds

## **b) Outside McGill**

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

December 1995	Developmental Delay: A Diagnostic Approach Pediatric Grand Rounds University of West Virginia Morgantown, West Virginia
December 1995	M.R.S. & Neurometabolic Disorders Neurology Rounds University of West Virginia Morgantown, West Virginia

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- 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 Nuremberg 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
- 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

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- 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 Paulo, Brazil
- 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

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- 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
- 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



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- 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  
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

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- 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  
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

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- 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  
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

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

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- August 2008                      *Global Developmental Delay and Array Comparative Genomic Hybridization*  
Seminars in Pediatric Neuroscience  
Cornell University-New York Presbyterian Hospital  
New York, New York
- 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

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- April 2009  
Neurobiology of Learning Disorders  
Workshop on Learning and Behavioural Disorders among  
School Children, Kuala Lumpur, Malaysia
- 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  
Florence, Italy

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- 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 Example of Microarray*  
XIth International Child Neurology Congress  
Cairo, Egypt

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- 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
- November 2010  
A New Technology in the Evaluation of Developmental Delay  
Annual Meeting  
Sociedad Argentina de Neurologia Infantil  
Buenos Aires, Argentina



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- 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
- 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

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- 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
- 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 Conferemce  
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

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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
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 Pediatricas Mexico City, Mexico

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- 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 Isn't  
Norwegian Technical & Scientific University  
St. Olavs - Trondheim University Hospital  
Trondheim, Norway
- February 2016  
Understanding Cerebral Palsy through a National Cancelled  
(death in family)  
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

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- 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
- 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 Univeristy Hospital (NUH) Kids  
Singapore
- August 2016  
Oslerian Challenges in Education & Research in Child Neurology  
Wong Hock Boon Visiting Professorship 2016  
National Univeristy Hospital (NUH) Kids  
Singapore
- August 2016  
A Tale of Two Constructs: Perinatal (Intrapartum) Asphyxia & Cerebral Palsy  
Wong Hock Boon Visiting Professorship 2016  
National Univeristy Hospital (NUH) Kids  
Singapore
- August 2016  
What is Cerebral Palsy? An Update on Classification & Diagnosis.

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- Wong Hock Boon Visiting Professorship 2016  
National Univeristy Hospital (NUH) Kids  
Singapore
- 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 (AACPD), 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
- March 2018  
Cerebral palsy and its complexities  
Cerebral Palsy: Our Responsibility to Care  
Ethiqal  
Pretoria, South Africa

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March 2018	The medical management of Cerebral Palsy: an overview Cerebral Palsy: Our Responsibility to Care Ethical Pretoria, South Africa
March 2018	The relationship of perinatal asphyxia and Cerebral Palsy Cerebral Palsy: Our Responsibility to Care Ethical Pretoria, South Africa
September 2018	Evaluation of Developmental Delay in the Clinic; Current Approaches NeuroPedicon 2018 New Delhi, India
September 2018	Prevention and Management of Cerebral Palsy: Emerging Insights and Strategies NeuroPedicon 2018 New Delhi, 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
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 Neurodevelopmental Disability

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	Pediatric Neurology Grand Rounds Cleveland Clinic Cleveland, Ohio
June 2019	The Pediatric Neurologist and 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
April 2020	Cerebral Palsy: A 21 <sup>st</sup> Century Perspective Emery Lecture University of Vermont Burlington, Vermont (Postponed COVID-19 Pandemic)
October 2020	Pediatric Grand Rounds Nationwide Children's Hospital Columbus, Ohio (Cancelled-Covid Pandemic)
October 2020	Canadian Perspectives Costly Drugs and Healthcare Ethics & Values: Perspectives from Different Healthcare Systems Meet the Experts Session Joint 16th Congress of the International Child Neurology Association and 49th Annual Meeting of the Child Neurology Society San Diego, California





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- 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
- 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

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- Updates in Neonatology  
Montreal, QC
- 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 Equivalents in Ambulatory  
Practice: A Practical Approach  
Practical Problems in Pediatrics,  
Montreal, QC
- 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
- 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
- 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

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	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
- November 2019 The Child Neurologist & Neurodevelopmental Disability  
Neurodevelopmental Symposia  
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
- 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

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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 Equivalents 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
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





## **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 santé (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 - 2019)
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) (2011-2021)  
 Member (ex-officio) Council of Services for Children & Adolescents (2011-2021)  
 Member (ex-officio) Montreal Children's Hospital Foundation Board of Directors (2011-2021)  
 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 (2011-2021)

Member (ex-officio), Executive Medical Service Staff Association (MSSA) (2011-2021)

Member, MCH Space Committee (2011-2015)

Member, MCH Research Institute Management Committee (2011-2015)

Member, MUHC Research Institute Management Committee (2015-2021)

Member, MUHC Research Institute Council (2011-2021)

Member, MUHC Qualifications Committee (2011-2021)

Member, MUHC Medical Advisory Committee (2011-2021)

Member, MUHC Mission Table (2011-2021)

Member, MCH Intellectual Capital Committee (2012-2013)

Member, MCH SERVE (Service en route vers l'excellence) (2012-2013)

Member, MUHC Ambulatory Services Steering Committee (2013-2018)

Member, MCH Executive Committee (2013-2021)

Member, MCHF Ad-Hoc Search Committee [Executive Director] (2017)

Member, MCH Building the Future of Excellence in Academic Childcare (2016-2018)

Member, MUHC Search Committee, Chief of Medicine (2018-2019)

Member, MUHC, Comite de Regie (2020-2021)

Member, MUHC, Search Committee-Executive Director/Chief Scientific Officer-Research Institute (2020-2021)

## 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 (2011-2021)

Chair, Promotions Committee - Department of Pediatrics (2011-2021)

Member, Faculty of Medicine Leadership Council (2011-2021)

Member, Pediatrics Residency Program & Promotion Committee (2011-2021)

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 (2018-2019)  
Chair, CRC/JMP/WDS Multidepartmental Internal Review Committee, Faculty of Medicine (2020)

#### Provincial

Director-Quebec Cerebral Palsy Registry (2003- )  
Member, Quebec Chairs of Pediatrics (2011-2021)  
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 (2011-2021)  
Executive Committee, Pediatric Chairs of Canada (2012-2017)

Member, Association of Medical Schools Pediatric Department Chairs (AMSPDC) (2012-2019)

Member, Steering Committee  
CHILD-BRIGHT SPOR Network Steering Committee (NSC) (2016-2021)

#### **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

An Open Discussion on the Definition of Cerebral Palsy  
Joint 16<sup>th</sup> Congress of the International Child Neurology Association and 49<sup>th</sup> Annual  
Meeting of the Child Neurology Society  
October, 2020

## **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 (2011-2021)  
Member, Faculty of Medicine Leadership Council (2011-2021)  
Member, Pediatrics Residency Program & Promotion Committee (2011-2021)  
Member (Clinical Chairs Rep), Deanery Faculty of Medicine (2016-2019)  
Member, Dean's Task Force on Integrated Clinical Network (2017-2019)  
Member, Vice-Dean Task Force Academic Affairs (2017-2018)  
Member, Faculty of Medicine Equity Committee (2017-2021 )  
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 (2018-2021)

## **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 (2016-2019)

Councillor for the East-Executive Board (2017-2019)

#### **D. 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)

#### **E. 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

Member-Scientific Programming Committee (2020-2022)  
XVII<sup>th</sup> Congress, Izmir Turkey

#### **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 Paralysie Cérébrale du Québec  
Réseau de Recherche sur le développement de santé et le bien-être de

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	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 NeuroDevNet Networks of Centres of Excellence 2009-2013
Member	Steering Committee

CHILD-BRIGHT SPOR  
2016-present

Chair Sustainability Committee  
CHILD-BRIGHT SPOR  
2017-present

## **9. SOCIETY MEMBERSHIPS**

American Board of Psychiatry & Neurology  
Royal College of Physicians & Surgeons of Canada  
Canadian Association of Child Neurology  
Association des neurologues du Quebec  
Child Neurology Society  
American Academy of Neurology (Fellow)  
Canadian Congress of Neurological Sciences  
Canadian Medical Protective Association  
International Child Neurology Association  
American Neurological Association (Fellow)  
Pediatric Chairs of Canada (PCC)  
Canadian Academy of Health Sciences

## **10. CLINICAL ACTIVITIES**

Mar. 1990- June 1991	Neurogenetics Clinic Montreal General Hospital Montreal, Quebec
Aug. 1990-2011	Consulting neurologist Children's Care Clinic Pierrefonds, Quebec
July 1991-	Attending Neurologist Division of Pediatric Neurology Montreal Children's Hospital
Sept. 1991-	Consulting neurologist Neonatal follow-up clinic Montreal Children's Hospital



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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
November 2015	Consulting Neurologist The Children's Clinic Montreal

## **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  
(2018-2021)

## **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)

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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.
- 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
- 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

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- 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
- 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)
  - 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
- 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 Kirtton (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<sup>-</sup>** 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-BEERS": Intracranial Focal Lesions With Clinical and Electroencephalographic Features Suggestive of a Primary Partial Epilepsy Syndrome. **Pediatric Neurology** 14: 31-35, 1996.
29. Lewis TB, **Shevell MI**, Andermann E, Ryan SG, Leach RJ. Evidence of a Third Locus for Benign Familial Neonatal Convulsions. **Journal of Child Neurology** 11:211-214, 1996.
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 (cbIC). **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.
  42. Assouline S, **Shevell MI**, Zatorre RJ, Jones-Gotman M, Schloss M, Oudjhane K. Children who Can't Smell the Coffee: Isolated Congenital Anosmia. **Journal of Child Child Neurology** 13:168-172, 1998.
  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.
  46. \*Miller SP, Dilenge ME, Meagher-Villemure K, O'Gorman A and **Shevell MI**. Early Infantile Epileptic Encephalopathy with Suppression Bursts (Ohtahara Syndrome). **Pediatric Neurology** 19:50-54, 1998.
  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.



60. **Shevell MI**, Majnemer A and Miller SP. Neonatal neurological prognostication: The term asphyxiated newborn. **Pediatr Neurol** 21:776-784,1999.
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.
65. \*Miller SP, O'Gorman AM and **Shevell MI**. The clinical syndrome of recurrent artery of Heubner infarction in early infancy. **Dev Med Child Neurol** 42:344-346,2000.
66. \*Miller SP, **Shevell MI**, Patenaude Y, O'Gorman AM. The neuromotor syndrome of periventricular leukomalacia in children born at term. **Pediatr Neurol** 23: 155-159,2000.
67. **Shevell MI**, Majnemer A, Rosenbaum P, Abrahamowicz M. Etiologic yield in single domain developmental delay: A prospective study. **J Pediatr** 137: 633-637,2000.
68. Limperopoulos C, Majnemer A, **Shevell MI**, Rosenblatt B, Rohlicek C & Tchervenkov C. Neurodevelopmental status of newborns & infants with congenital heart defects prior to and following open heart surgery. **J Pediatr** 137: 638-645, 2000.
69. **Shevell MI**. The pediatric neurologist as expert witness with particular reference to perinatal asphyxia. **Can J Neurol Sci** 28:107-112,2001.
70. Limperopoulos C, Majnemer A, Rosenblatt B, **Shevell MI**, Tchervenkov C, Gottesman R. Association between EEG findings and neurologic status in infants with congenital heart defects. **J Child Neurol** 16:471-476,2001.



71. **Shevell MI**, Majnemer A, Rosenbaum P, Abrahamowicz M. Etiologic yield of autistic spectrum disorders: A prospective study. **J Child Neurol** 16:509-512,2001.
72. **Shevell MI**, Majnemer A, Rosenbaum P, Abrahamowicz M. Etiologic determination of childhood developmental delay. **Brain and Development** 23:228-235,2001.
73. \*Richer LP, **Shevell MI**, Miller SP. Diagnostic profile of neonatal hypotonia: An eleven-year experience. **Pediatr Neurol** 25:32-37,2001.
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## 2. CHAPTERS/INVITED PAPERS

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