# CURRICULUM VITAE

Michael Shevell, MD CM, FRCPC, FCAHS

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

Harvey Guyda Chair of Pediatrics

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

> h-index 70 citations 17807 i-10 index 251 papers > 100 citations 44 (April 2020)

Last revision: April 6, 2020

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#### A. IDENTIFICATION

NAME Michael Shevell

OFFICE ADDRESS Montreal Children's Hospital - MUHC

1001, boul. Décarie, B.RC.6354 Montreal, Quebec H4A 3J1

**E-MAIL** michael.shevell@muhc.mcgill.ca

michael.shevell@mcgill.ca

DATE OF BIRTH March 31, 1958

PLACE OF BIRTH Montreal, Canada

CITIZENSHIP Canadian

MARITAL STATUS Married (Annette Majnemer, OT, PhD: Vice-Dean

(Education), Faculty of Medicine, McGill University)

CHILDREN Allison - June 24, 1988 - BSc (Psychology), MDCM, FRCP

R-VI, Critical-Care Pediatrics (Hospital for Sick Children) Meaghan - May 21, 1991 - BA (Anthropology), MA (Human

Rights, Columbia University, NY)

LANGUAGES 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

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 professionelle

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 (GFT {U})</u>

Depts of Neurology/Neurosurgery & Pediatrics

McGill University

June 2005- Full Professor (GFT {U})

Dept. of Neurology/Neurosurgery & Pediatrics

McGill University

November 2011- Chair

Department of Pediatrics

McGill University

### HOSPITAL

July 1991 - Attending Staff

Division of Pediatric Neurology Montreal Children's Hospital

September 2008- Director

October 2011 Division of Pediatric Neurology

Montreal Children's Hospital McGill University Health Center

November 2011- Pediatrician-in-Chief

Montreal Children's Hospital McGill University Health Centre

RESEARCH INSTITUTE

December 2015 - Investigator,

November 2020 Research Institute - McGill University Health Centre

## D. SPECIAL HONORS, AWARDS, RECOGNITION

1975 Marianopolis Entrance Award - Science

1975-77 Dean's List - Marianopolis College

1977 J.W. McConnell Entrance Award - Faculty of Science,

McGill University

1979 J.W. McConnell Award, McGill University

1978-80 University Scholar, McGill University

1980 J.W. McConnell Entrance Award - Faculty of Medicine,

McGill University

1981 Mosby Scholarship Award, Faculty of Medicine, McGill

University

1981 Faculty Scholar (Phase IA & IB), McGill University

1984 University Scholar (Phase III), McGill University

1989	Royal Victoria Hospital Research Institute Fellowship - McGill University
1989	Montreal Children's Hospital-Research Inst. Fellowship - McGill University
1989	Claude Giroud Prize in Pediatrics - McGill University <sup>1</sup>
1989	President's Prize- Canadian Association of Child Neurology <sup>2</sup>
1990	Post-Doctoral Fellowship – Fonds de recherche en sante du Quebec –(FRSQ) [Declined]
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

 $<sup>^{1}</sup>$  Best paper by pediatric trainee or fellow "Neonatal Dural Sinus Thrombosis".  $^{2}$  Best paper by pediatric neurology trainee "Congenital Inflammatory Myopathy".

Long Island, New York

June 2007 Richardson Lecturer

Canadian Neurological Sciences Federation

Edmonton, Alberta

November 2007 Henry Dunn Lecturer

BC Children's Hospital

Vancouver, BC

Nov./Dec 2007 Visiting Professor- Child Neurology

Children's Hospital at Westmead

University of Sydney Sydney, Australia

November 2008 Keynote Speaker

Israel Child Development Congress

Tel Aviv, Israel

April 2009 Elected to Membership

American Neurological Association

May 2009 Appointed Fellow

American Academy of Neurology

September 2010 Visiting Professor

Central Commission Training Pediatrics Hong Kong Special Administrative Region

November 2010 Keynote Speaker

Argentina Child Neurology Congress

Buenos Aires, Argentina

March 2012 - Present Harvey Guyda Chair in Pediatrics

Faculty of Medicine McGill University

April 2013 John Stobo Prichard Lecturer

Hospital for Sick Children
University of Toronto

July 2013 Lecturer of the Year

CP Chair

Université de Laval

September 2014 Fellow of the Canadian Academy of Health Sciences (CAHS)

"Fellows of the Academy are elected on the basis of their demonstrated leadership, creativity, distinctive competencies

and commitment to advance academic health sciences".

October 2014 Hower Award Child Neurology Society

"The Hower Award is given annually to a person whom the Child Neurology Society deems has contributed greatly to the further understanding of neurological problems of childhood

through research, teaching, clinical application, and

leadership".

December 2014 Boshes History of Neurology Lecturer

Child and Adult Euthanasia in the Third Reich

University of Illinois, Chicago

August 2016 Wong Hock Boon Visiting Professorship

National University Hospital

Singapore

August 2018 Council of Champions

Childrens First Foundation (Toronto)

July 2019 Honorary Advisor

Pediatric Neurology Association of Hong Kong

Hong Kong SAR

November 2019 Samuel Darwish Memorial Lecturer

Alberta Children's Hospital

Calgary, Alberta

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

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, Small Group Tutor -12 hrs/yr

2001,2002, 2003, 2006, CNS & Special Senses Course (Unit 6-Med I)

2007,2011 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, Small Group Tutor-16 hrs/yr

1999, 2000, Medicine & The Third Reich (Elective) 2001, 2002, 2004, Medicine & Society Course Med IV

2005, 2006, 2008, 2009, McGill University

2010, 2011, 2012

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

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

The ANA Report on Eugenical Sterilization

2003

Dr. Myriam Srour Supervisor

Resident's Research Election (Neurology)

Developmental Screening/Causes of Developmental Delay

2004

Dr. Sunita Ventakeshwaren Supervisor

Resident's Research Elective (Neurology) Etiologies & Co-morbid Conditions in Spastic

Quadriparesis

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

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

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

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

Arielle Springer MDCM II

Medical Student Research-McGill

"Normal MRI in CP: What Does it Mean?"

2018

Melissa Vitagliano MDCM II

Medical Student Researc- McGill

Hemiplegic CP + Strokes

2018 - 2020

### 2A. Thesis Advisory Committees

Rena Birnbaum, MSc External reviewer

School of Physical and Occupational Therapy

# McGill University, 1994-96

Dr. Patrick Cossette Thesis Advisory Committee

PhD Thesis. (Dr. G. Rouleau-Supervisor)

Genetics of Epilepsy

Depts of Neurology/Neurosurgery McGill University, 2002-2007

#### 2B. External Examiner

Epsen Lien, PhD. PhD Thesis Advisory Committee

ApoLipoprotein E and Cerebral Palsy

Norwegian Technical & Scientific University

Trondheim, Norway September 2015

# 3. PEDIATRIC NEUROLOGY TRAINEES (1991- )

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

<sup>\*</sup> Clinician Investigators

Laurence Richer	1998-2001	University of Alberta-Associate Professor Vice-Dean (Research), Faculty of Medicine
Guy D'Anjou	1996-2001	Universite de Montreal-Assistant Professor
Waleed Al-Twaijri	1999-2003	Riyahd, Saudi Arabia (National Guard Hospital)
*Evdokia Anagnostou	1998-2003	University of Toronto- Professor Canada Research Chair (Tier I) Translational Therapeutics in Autism
Anna-Al-Futaisi	2000-03	Sultan Qaboos University, Muscat, Oman Associate Professor, Associate Chair, Pediatrics
*Francois Bolduc	1999-2003	University of Alberta-Associate Professor
Alison Moore	1998-2000	Calgary, Alberta (Private Practice)
*Maryam Oskoui	1999-2004	McGill University-Associate Professor FRQ-S Chercheur Boursier Clinicien Jr2
Renee-Myriam Boucher	2002-05	Universite de Laval- Assistant Professor
Richard Tang-Wai	1999-2005	Loma Linda University-Assistant Professor
Sunita Venkateswaran	2004-07	University of Ottawa, Assistant Professor (CHEO-Ottawa)
*Myriam Srour	2002-07	Assistant Professor, McGill University FRQ-5 Chercheur Boursier Clinicien Jr2
*Genevieve Bernard	2003-08	Associate Professor, McGill University FRQ-5 Chercheur-Boursier Clinician Jr2
Emilie Riou	2005-08	Université de Sherbrooke-Assistant Professor
Nabil Al-Macki	2004-09	Royal University Hospital (Muscat, Oman)

Genevieve Legault	2007-09	Assistant Professor, McGill University	
Marie-Pierre Thibeault Eybalin 2005-11		Assistant Professor, Université Laval	
Elisabeth Simard Tremblay	2006-11	Associate Professor, McGill University	
Ali Al-Wadei	2008 - 12	King Fahd Medical City, National Neuroscience Institute and Faculty of Medicine (Saudi Arabia)	
Rasheed al-Shahoumi	2006-12	Staff Physician - Kuwait	
Ruba Benini	2008-14	Attending Staff - Sidra Research and Medical Center, Doha, Qatar	
David Dufresne	2009-14	Assistant Professor, U de Sherbrooke	
Bradley Osterman	2011-14	Assistant Professor, McGill University	
Nicolas Chrestian	2012-14	Assistant Professor, Université Laval	
Elana Pinchefsky / Mohammed Al-Muqbil	2011-16 2011-16	Assistant Professor, Université de Montréal Fellow, Metabolic Disorders, Children's Hospital, Boston	
Ghalia Al-Yazidi	2012-17	Fellow, Neurometabolic Disorders, HSC, Toronto	
Salva Sadeghi	2013-2018	Private Practice, Montreal	
Fatema Al Amrani	2014-2018	Fellow, Neuromuscular Disorders, Hospital for Sick Children, Toronto	
Laurence Graquelin	2015-2018	Assistant Professor, Université Laval	
Abdulla Alawadhi	2014 - 2019	Fellow Epilepsy (McGill)	
Olivier Fortin	2017 -	RIII (McGill)	

Mohammed Ashour	2017 -	RIII (McGill)
Amaar Marefi	2018 -	RII (McGill)
Veronica Birca	2018 -	RII (McGill)
Ahmed Sahly	2019 -	RI (McGill)
Amytice Mirchi	2019 -	RI (McGill)

## 4. INVITED LECTURES

# a) McGILL

March 1993 Neonatal Seizures - Neonatal Grand Rounds

McGill University

October 1993 Acids & Holes in the Brain: Tales from a

Neurometabolic Clinic

Grand Rounds

Montreal Neurological Institute

February 1994 Medicine in the Third Reich - The

Schaltenbrand Experiment: Prelude to

Holocaust Grand Rounds

Montreal Neurological Institute

March 1994 Mitochondrial Disorders

Residents Basic Science Seminar Montreal Children's Hospital

March 1994 New Technologies for the Diagnosis of

**Developmental Disabilities** 

Rehabilitation Research Seminar

McGill University

April 1994 Medicine and Neuroscience in the Third Reich

Research Seminar Series

Montreal Children's Hospital Research Institute

October 1994 Diagnostic Yield of the Neurological Assessment of

the Child with Global Developmental Delay

Special Lecture - Department of Child Psychiatry

Montreal Children's Hospital

December 1994 Neuroscience in the Third Reich

Pediatric Grand Rounds

Montreal Children's Hospital

February 1995 Neurological Evaluation of the Globally Delayed

Child - Child Psychiatry Rounds

Douglas Hospital

April 1995 Assessment of the Child With Global Delay

Rehabilitation Research Seminar

McGill University

September 1995 Diagnostic Yield of the Neurologic Assessment

of the Child With Global Developmental Delay

**Grand Rounds** 

Montreal Children's Hospital

October 1995 Childhood Headaches

ER Lecture Series

Montreal Children's Hospital

January 1996 Clinical Applications of Magnetic Resonance

Spectroscopy

Residents Basic Science Seminar Series

Montreal Children's Hospital

January 1996 MRS and Neurometabolic Disorders

Genetic Rounds McGill University

Montreal Children's Hospital

June 1996 Leo Alexander: Neurology's Witness to History

Grand Rounds

Montreal Neurological Institute

December 1996 The Cerebellum in Pediatrics

Resident's Basic Science Seminar Series

Montreal Children's Hospital

May 1997 Triplet Repeats in Pediatric Neurological Disorders

Resident's Basic Science Seminar Series

Montreal Children's Hospital

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

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 The Genetics of Convulsive Disorders in the Neonate & Infant January 2003 Genetics Teaching Program Montreal Children's Hospital March 2003 What Happens to the Delayed Child? Outcomes of Children with Early Developmental Delay Pediatric Grand Rounds Montreal Children's Hospital December 2003 Evaluating Developmental Delay Neurology Grand Rounds Montreal Neurological Institute March 2004 Evaluating Childhood Developmental Delay Residents Basic Science Seminar Series Montreal Children's Hospital January 2005 Developmental and Functional Outcomes at School-Age of Early Childhood Developmental Delay Neurology Grand Rounds Montreal Neurological Institute October 2005 Neurobiology and Outcomes of Developmental Language Impairment Pediatric Grand Rounds Montreal Children's Hospital November 2005 School Age Outcomes of Young Children with Developmental

Dept. of Psychology - McGill University

Delay

June 2006 Migraines and Migraine Equivalents in Ambulatory

Practice: A Practical Approach Emergency Department Rounds Montreal Children's Hospital

October 2008 What the Generalist Needs to Know about Headaches: A

Practical Approach

General Pediatrics Divisional Rounds

Montreal Children's Hospital

February 2009 New Insights & Challenges in Our Understanding &

Management of Cerebral Palsy

Pediatric Grand Rounds Montreal Children's Hospital

March 2009 The Case for Microarray

Centre for Research into the Neurosciences

Montreal General Hospital

March 2009 ADHD in Special Populations

General Pediatrics Divisional Rounds

Montreal Children's Hospital

May 2009 Every Hospital Patient as a Research Subject

Department of Pediatrics-Annual Retreat

McGill University

January 2010 Insights from a Cerebral Palsy Registry

Neurology Grand Rounds

Montreal Neurological Institute

McGill University

March 2010 Insights from a Cerebral Palsy Registry

Pediatric Ground Rounds Montreal Children's Hospital

McGill University

March 2010 From Population to Individuals: Insights from a Cerebral Palsy

Registry

MCH-Research Institute Seminar Series

Montreal Children's Hospital

March 2011 An Overview of Cerebral Palsy

Neurology Resident's Academic Half Day

McGill University

March 2012 Preparing for a new position as a clinician scientist

CCHCSP Training Session Montreal Children's Hospital

September 2013 A Pediatric Neurology Residency in 50 minutes

Pediatric Grand Rounds Montreal Children's Hospital

May 2017 Developmental Delay: A Clinical Approach

Neurology Resident's Academic Half-Day

McGill University

October 2018 Evaluation of Developmental Delay in the Clinic: Current

Approaches

General Pediatrics Evidence-Based Rounds

McGill University

May 2019 The Pediatric Neurologist and Neurodevelopmental

Disabilities

Neurology Resident's Academic Half-Day

McGill University

December 2019 Fred Andermann & the MCH

Andermann Tribute Symposium Montreal Neurological Institute

#### 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

May 1996 Neurologic Perspectives of Crigler-Najjar Syndrome

Crigler-Najjar Symposium

Rockefeller University - New York

October 1996 Neuroscience in the Third Reich: From IvoryTowerto

Death Camps

Neurology Grand Rounds

University of Alabama - Birmingham

October 1996 Spectroscopy in Pediatric Neuro-Metabolic Disorders

Pediatric Grand Rounds

University of Alabama - Birmingham

February 1998 Neurology's Role in the Medical Crimes of the Third Reich

and The Formulation of the Nuremburg Code.

Neurology Grand Rounds Johns Hopkins University Baltimore, Maryland

February 1998 Profiles from Academic Medicine in the Third Reich:

Challenging Our Myths.

Georgetown Clinical Bioethics Colloquium Georgetown University Medical Center

Washington, DC

February 1998 The First to Perish: Child Euthanasia in the Third Reich

Pediatric Grand Rounds

Georgetown University Medical Center

Washington, DC

October 1998 The Ethics of Developmental Disability: Past Abuses

Child Neurology Society

Montreal

October 1998 The Cerebellum in Developmental Delay

NIH Joubert's Syndrome Symposia

Montreal

June 1999 The Evaluation of the Young Child with Global

Developmental Delay

The Art & Science of Neonatal Neurological Prognostication

Institute for Child Development - Tel Aviv University

Bi-Annual Research Seminar Series

Tel Aviv, Israel

June 1999 Child Euthanasia in the Third Reich

Shaare Zedek Hospital Hebrew University Jerusalem, Israel

October 1999 When is Enough, Enough? Limits of Treatment in severe

neurodevelopmental disabilities - A Debate Child Neurology

Society Nashville, TN

May 2000 Hallervorden & Euthanasia

NIH Symposium - Hallervorden - Spatz Disease

Washington, DC

October 2000 Futility in Child Neurology Practice

Child Neurology Society

St. Louis, MO

November 2000 The Evaluation of Developmental Delay

Brazilian Pediatric Neurology Society

Sao Paolo, Brazil

April 2001 Term Asphyxia: Outcomes and Their Prediction

International Child Neurology Association/

Society of Neuroscientists of Africa Joint Symposium

Nairobi, Kenya

April 2001 Evaluating Early Childhood Developmental

Delay: A North American Perspective

International Child Neurology Association/

Society of Neuroscientists of Africa

Joint Symposium Nairobi, Kenya

May 2001 The Ethics of Clinical Research in Children

American Academy of Neurology

Philadelphia, Pennsylvania

October 2001 Evaluation of Childhood Developmental Delay

Child Neurology Society,

Victoria BC

July 2002 Etiologic Diagnosis in Cerebral Palsy: Asking the Question Why?

Child Development Center

Tel Aviv, Israel

July 2002 Etiologic Diagnosis in Cerebral Palsy: Asking the Question Why?

Shaare Zedek Hospital Ben Gurion University Jerusalem, Israel

September 2002 Outcomes of Children with Global Delay and Developmental

Language Disorders

Developmental Disability Symposium

IX ICNA World Congress

Beijing, China

May 2003 Etiologic Yield in Cerebral Palsy

9th Mediterranean Meeting of Child Neurology

Dubrovnik, Croatia

June 2003 A Practice Parameter for Evaluating the Young Child with

Global Developmental Delay

University of Chicago

Chicago, Illinois

September 2003 Intractable Epilepsy; A Case in Point

American Academy of Cerebral Palsy and Developmental Medicine

Montreal, Quebec

October 2003 The Ethics of Clinical Research in Children

Child Neurology Society Miami Beach, Florida

November 2003 Evaluating Childhood Developmental Delay: A Rational Approach

Department of Pediatrics - University of Vienna

Vienna, Austria

January 2004 Evaluating Childhood Developmental Delay

Neuroscience Grand Rounds Barrow Neurological Institute

Phoenix, Arizona

January 2004 Child Euthanasia in the Third Reich

Pediatric Grand Rounds St. Joseph's Hospital Phoenix, Arizona

March 2004 School Age Functional & Developmental Outcomes

of Preschool Children Diagnosed with Developmental Language

Disorders

2<sup>nd</sup> International Egyptian Society of Child Neurology &

**Psychiatry** 

4th Pan-Arab Child Neurology Meeting

Cairo, Egypt

April 2004 A Practice Parameter for Evaluating Global Developmental

Delay

Pediatric Neurology Rounds

University of California, San Francisco

San Francisco, California

May 2004 Evaluating Childhood Developmental Delay

Plenary Session

Society for Developmental Pediatrics

San Francisco, California

April 2005 "A Cold Wind Coming": Child Euthanasia in the Third Reich.

Dartmouth University Hanover, New Hampshire

April 2005 Ethics and the Disabled Child: Particular Challenges

Pediatric Grand Rounds Dartmouth University Hanover, New Hampshire

April 2005 Medicine and the Third Reich

Jewish Studies Program
Dartmouth University
Hanover, New Hampshire

May 2005 Developmental and Functional Outcomes in Developmental

Delay

Annual Meeting- Japanese Pediatric Neurology Society

Kumamoto, Japan

June 2005 Developmental & Functional Outcomes at School Age in

Preschool Children Diagnosed with Developmental Delay.

Pediatric Grand Rounds University of Minnesota, Minneapolis, Minnesota

December 2005 Etiology of Global Developmental Delay: A Contemporary

Perspective

Signature Genomics
Spokane, Washington

June 2006 Outcomes of Developmental Delay

Xth International Child Neurology Congress

Montreal, Quebec

June 2007 Marvin Klein Memorial Lecture

First They Came For The Children: Neurosciences, Pediatrics

and Child Euthanasia in the Third Reich

Schneider Children's Hospital-Long Island Jewish Hospital

Long Island, New York

June 2007 Current Concepts in the Evaluation of Neurodevelopmental

Disabilities

Schneider Children's Hospital-Long Island Jewish Hospital.

Long Island, New York

October 2007 Clinical Evaluation of the Child with Developmental Delay-

State of the Art

National Congress of Pediatrics Portuguese Academy of Pediatrics

Algarve, Portugal

October 2007 Evaluating Screening Protocols in an Ambulatory Setting:

Results and Challenges Child Neurology Society

Quebec, Canada

November 2007 Developmental Disorders in Pediatric Neurology:

A Practical Approach

Annual Update in Pediatric Neurology Children's Hospital at Westmead

Sydney, Australia

November 2007 Outcomes of Developmental Delay

Annual Update in Pediatrics Children's Hospital at Westmead

Sydney, Australia

November 2007 A Current Approach to Evaluating Childhood

Developmental Delay: A Neurologic Perspective

Pediatric Grand Rounds

Princess Margaret Hospital for Children

Perth, Australia

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

December 2007 Neurosciences in the Third Reich

Neurosciences Rounds University of Melbourne Melbourne, Australia

Newcastle, 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

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

8th Biennial Convention of the ASEAN Neurological

Association

Kuala Lumpur, Malaysia

April 2009 Association Between Developmental Language Impairment,

Learning Disabilities and Other Outcomes

8th Biennial Convention of the ASEAN Neurological

**Association** 

Kuala Lumpur, Malaysia

April 2009 What are Learning Disorders?

Workshop on Learning and Behavioural Disorders among

School Children

Kuala Lumpur, Malaysia

April 2009 Neurobiology of Learning Disorders

Workshop on Learning and Behavioural Disorders among

School Children, Kuala Lumpur, Malaysia

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 17th 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 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

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

Sociedal Argentina di Neurologia Infantil

Buenos Aires, Argentina

November 2010 The Story of a Cerebral Palsy Registry

Annual Meeting

Sociedal Argentina di Neurologia Infantil

Buenos Aires, Argentina

November 2010 Current Challenges in Cerebral Palsy

Annual Meeting

Sociedal Argentina di 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

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 New Perspectives of Cerebral Palsy from a Population based May 2013 Registry Baltic Child Neurology Association Kaunas, Lithuania July 2013 Advances in CP: From Cell to Community Progress in Motor Control IX Conference Montreal, Quebec May 2014 The Heterogeneity of Cerebral Palsy - Population-based Perspectives Cerebral Palsy Symposia International Child Neurology Congress Iquazu Falls, Brazil May 2014 Understanding Cerebral Palsy through a National Registry 4th Annual Conference on Cerebral Palsy Halifax, Nova Scotia September 2014 The Canadian Cerebral Palsy Registry Workshop on CP Registry American Academy of Cerebral Palsy and Developmental Medicine San Diego, California October 2014 Hower Award Lecture - A Pediatric Neurology Residency in

45 minutes

Child Neurology Society Annual Meeting

Columbius, 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, Perinnatal Medicine, Neonatology, and the Law

Kohala Coast, Hawaii

January 2015 Fetal Stroke Syndromes

31<sup>st</sup> Annual Conference on Obstetrics, Gynecology, Perinnatal Medicine, Neonatology, and the Law

Kohala Coast, Hawaii

January 2015 Cerebral Sinovenous Thrombosis in the Newborn

31st Annual Conference on Obstetrics, Gynecology, Perinnatal

Medicine, Neonatology, and the Law

Kohala Coast, Hawaii

March 2015 Perinatal (Intrapartum) Asphyxia and Cerebral Palsy

Primer Encuentro Internacional de Neurosciences Pediatricas

Mexico City, Mexico

March 2015 Canadian Cerebral Palsy Registry and Genetics

Ben Gurion University Beersheva, Israel

March 2015 A Pediatric Neurology Residency in 50 Minutes

Akron Children's Hospital

Akron, Ohio

September 2015 The Art of Child Neurology: What Should be in the Textbook

but Isnt

Norwegian Technical & Scientific University St.Olavs - Trondheim University Hospital

Trondheim, Norway

February 2016 Understanding Cerebral Palsy through a Nationa 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

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 Contemporary Understanding of the Genetics of Cerebral August 2016 Palsy & Global Developmental Delay/Intellectual Disability. Hospital Grand Rounds National University Hospital (NUH) Kids Singapore August 2016 Evaluating Developing Delay & Intellectual Disability in the Clinic: Current Approaches Wong Hock Boon Visiting Professorship 2016 National University Hospital (NUH) Kids Singapore August 2016 Oslerian Challenges in Education & Research in Child Neurology Wong Hock Boon Visiting Professorship 2016 National University Hospital (NUH) Kids Singapore August 2016 A Tale of Two Constructs: Perinatal (Intrapartum) Asphyxia & Cerebral Palsy Wong Hock Boon Visiting Professorship 2016 National University Hospital (NUH) Kids

Singapore

August 2016 What is Cerebral Palsy? An Update on Classification &

Diagnosis.

Wong Hock Boon Visiting Professorship 2016 National University Hospital (NUH) Kids

Singapore

August 2016 Cerebral Palsy Beyond the Diagnosis: Lessons from a

National Registry

Wong Hock Boon Visiting Professorship 2016 National University Hospital (NUH) Kids

Singapore

August 2016 A National Cerebral Palsy Registry & its Use as a Platform

of Discovery.

Wong Hock Boon Visiting Professorship 2016

National Univeristy Hospital (NUH) Kids, Singapore

August 2016 Current Strategies to Prevent & Manage Cerebral

Palsy

Wong Hock Boon Visiting Professorship 2016 National University Hospital. Singapore

May 2017 Conceptualization, Diagnosis & Prevention of Cerebral Palsy

Chinese Association of Pediatric Neurology, Teaching Course

Xiamen, China

September 2017 If Medicine is a Team Sport, What is the Pediatric

Neurologist's Role? (with special reference to

neurodevelopment disabilities)
Presidential Guest Lecturer,

American Academy of Cerebral Palsy and Developmental

Medicine (AACPDM), Annual Meeting

Montreal, Canada

March 2018 Current Strategies in the Prevention and Management of

Cerebral Palsy

10th Paediatric Annual Conference

University of Pretoria Pretoria, South Africa

March 2018 Cerebral palsy and its complexities

Cerebral Palsy: Our Responsibility to Care

Ethiqal

Pretoria, South Africa

March 2018 The medical management of Cerebral Palsy: an overview

Cerebral Palsy: Our Responsibility to Care

Ethiqal

Pretoria, South Africa

March 2018 The relationship of perinatal asphyxia and Cerebral Palsy

Cerebral Palsy: Our Responsibility to Care

Ethiqal

Pretoria, South Africa

September 2018 Evaluation of Developmental Delay in the Clinic; Current

Approaches

NeuroPedicon 2018 New Deli, India

September 2018 Prevention and Management of Cerebral Palsy: Emerging

Insights and Strategies NeuroPedicon 2018 New Deli, India

November 2018 Prevention & Treatment of Cerebral Palsy in High

Resource Settings

ICNC2018-15th International Child Neurology Congress

Mumbai, India

February 2019 Clinical Lessons from a Cerebral Palsy Spectrum Disorder

Registry.

Grand Rounds - Neurology

Massachusettes General Hospital

Boston, Massachusettes

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

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 21st Century: Translating Science into

Prevention and Clinical Practice Neurorehabilitation Master Class Al-Farabi Kazakhh 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

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

October 2020 Tracing the History of Cerebral Palsy in its Definition

An Open Discussion on the Definition of Cerebral Palsy Symposia Joint 16th Congress of the International Child Neurology Association and 49th Annual Meeting of the Child

Neurology Society San Diego, California

#### ii. Academic -National

November 1994 Mitochondrial Disorders: An Overview

Pediatric Grand Rounds University of Alberta

December 1994 Applications of Magnetic Resonance

Spectroscopy to Pediatric Neuro-Metabolic Disorders, Neuroscience Grand Rounds

University of Calgary

March 1995 Applications of Magnetic Resonance

Spectroscopy to Pediatric Neurometabolic

Disorders

Genetic Rounds

McMaster University

March 1995 Diagnostic Yield of the Neurological

Assessment of the Globally Delayed Child

Pediatric Grand Rounds McMaster University

May 1995 Developmental Delay: The Diagnostic

Challenge. Pediatric Rounds

University of Alberta

November 1995 ADD: A Practical Approach to Diagnosis

and Management Resident Seminars University of Alberta

November 1995 ADD: A Practical Approach to Diagnosis

and Management

Pediatric Grand Rounds

Alberta Children's Hospital, Calgary, Alberta

September 1997 ADHD: Basic Issues & The Problematic Patient

Pediatric Grand Rounds University of Ottawa, ON

December 1997 Neurosciences in The Third Reich

Seminar Series - Medicine & The Holocaust.

University of Toronto. ON

April 1998 Magnetic Resonance Spectroscopy: An Emerging

Technology in Pediatric Neurology Research

Neuroscience Seminar Series

Hopital Ste. Justine, Universite de Montreal

June 1998 Proton Magnetic Resonance Spectroscopy

Canadian Congress of Neurological Sciences Montreal, QC

June 1998 The Art and Science of Neonatal Neurological Prognostication

Canadian Association of Child Neurology

#### Montreal, QC

June 1998 The Etiologic Evaluation of the Child with Developmental

Delay

Developmental Pediatric Section of the Canadian Pediatrics

Society

Hamilton, ON

June 2000 The Child Neurologist as Expert Witness

Canadian Congress of Neurological Sciences

Ottawa, ON

October 2002 The Newborn Neurologic Exam

Updates in Neonatology

Montreal, QC

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

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

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 & 21<sup>st</sup> Century Genetic Diseases

May 2004 Familial Dysautonomia and Canavan Disease

National Council of Jewish Women

Montreal, QC

October 2006 Quebec Cerebral Palsy Registry

Where can we go?

RSDBE- 3rd 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

April 2015 Updates on the Evaluation of Global Developmental Delay &

Intellectual Disability
Shire Pharmaceuticals

Gatineau, QC

June 2019 Medical Legal Partnership: collaborating with Lawyers to

Adress Health Disparities.

Justice Pro Bono Montreal, QC

## 5. CLINICAL TEACHING

a. MCH Division of Pediatric Neurology - on going supervision of residents (Pediatrics and Neurology) and medical students on in-patient (6-8 weeks/ year) and out patient services (ambulatory clinics 2 half days/week) (1991 - Present)

- b. Neurogenetics Fellows
  - -Dr. Ted Fon FRCP(C) (1994-95)
  - -Dr. Carol MacMillan FRCP(C) (1993-95)
  - -Dr. Anne Marie Sarrazin FRCP(C) (1996-97)

## 6. TEACHING AND LEADERSHIP WORKSHOPS

December 2002 Advanced Clinical Teaching Skills

Faculty of Medicine McGill University

January 2010 Leadership Development Program

Faculty of Medicine McGill University

February 2014 Leadership Development Program

Facilitator

Faculty of Medicine, McGill University

#### F. OTHER CONTRIBUTIONS

#### 1. JOURNALS

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

Editorial Board-Pediatric Neurology (1997 - )

# Editorial Board Seminars in Pediatric Neurology

(1999-2014)

Guest Editor: Seminars in Pediatric Neurology

Topic: Developmental Delay (March 1998)

Guest Editor: Seminars in Pediatric Neurology

Topic: New Technologies in Pediatric Neurology (June 1999)

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

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

Guest Editor: Seminars in Pediatric Neurology

Topic: NeuroDevNet: Collaborative Research in the Pediatric Neurosciences

(March 2011)

Guest Editor: Seminars in Pediatric Neurology

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

Guest Editor: Seminars in Pediatric Neurology

Topic: Social Neurology (June 2018)

Editorial Board: Canadian Journal of Neurosciences

(2001-2012)

(2006-2012) Associate Editor

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

International Advisory Board: Oman Medical Journal

(2008-)

AD-HOC Reviews:

American Journal on Mental Retardation

Annals of Neurology

Canadian Medical Association Journal

Child; Care, Health & Development

Developmental Medicine & Child Neurology

Developmental Neuroscience

Epilepsia

European Journal of Pediatric Neurology

Journal of Autism & Developmental Disorders

Journal of Cardiovascular & Thoracic Surgery

Journal of Neuroimaging

Journal of Pediatrics

Lancet

Nature Clinical Practice (Neurology)

Nature Neurology Reviews

Neurology

Pediatric Research

**Pediatrics** 

#### 2. GRANT REVIEWS

Grant Review Committee FRSQ

Comité plénier des demandes de bourse en formation en recherche par les détenteurs d'un diplôme professionnel en

sante (1999-2002)

Grant Review Committee FRSQ

Recherche Clinique - Operating Grants (2006-2007)

Grant Review Committee CIHR

Children's Health/Social & Developmental Aspects of

Children's and Youth Health Committee (CHI)

Operating Grants (2009-2011)

Grant Review Committee Hospital for Sick Children Foundation

Institute of Human Development, Child & Youth Health

(HSCF/IHDCYH)

External Operating Grants-Young Investigators

(2003-2011)

External reviewer FRSQ

Medical Research Council (UK)

Muscular Dystrophy Association of Italy

Hospital for Sick Children Research Foundation Health Services Research Unit Saskatchewan

Canadian Institutes of Health Research Bloorview Children's Hospital Foundation

Internal reviewer MCH Research Institute

Scientific proposals and grant reviews (1992-)

Grant Review Committee CIHR

Stage 1 Project Scheme Competition (2016 - 2019)

Grant Review Committee CIHR

Analyses of Existing Canadian Cohorts and

Databases (2016)

Grant Review Committee CIHR

New Investigator Grants in Maternal, Reporoductive, Child &

Youth Health (2017-2018)

Member CIHR

College of Reviewers (2018-)

## 3. ADMINISTRATIVE RESPONSIBILITIES (CURRENT & PAST)

#### Hospital

Montreal Children's Hospital-McGill University Health Center

Founder/Director-Pediatrics Neurogenetics Clinic (1992-2009)

Member- Brain- Development-Behavior Integrated Clinical Network Initiative (2008-2011)

Director-Division of Pediatric Neurology (2008-2011)

Pediatrician-in-Chief, McGill University Health Centre (MCH) (2011-)

Member (ex-officio) Council of Services for Children & Adolescents (2011-)

Member (ex-officio) Montreal Children's Hospital Foundation Board of Directors (2011-)

Chairman (CEO), Pediatric Medical Group (PMG) and PMG Advisory Committee (2011-2016)

Member, MCH Strategic Advisory Group/Clinical-Administration Committee (2011-2013)

Member (ex-officio) Executive Committee - Council of Physicians, Dentists and

Pharmacists MCH (2011- )

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

(2011- )

Member, MCH Space Committee (2011-2015)

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Member, MCH Research Institute Management Committee (2011-2015)
Member, MUHC Research Institute Management Committee (2015-)
Member, MUHC Research Institute Council (2011-)
Member, MUHC Qualifications Committee (2011- )
Member, MUHC Medical Advisory Committee (2011-)
Member, MUHC Mission Table (2011- )
Member, MCH Intellectual Capital Committee (2012-2013)
Member, MCH SERVE (Service en route vers l'excellence) (2012-2013)
Member, MUHC Ambulatory Services Steering Committee (2013 - 2018)
Member, MCH Executive Committee (2013 - )
Member, MCHF Ad-Hoc Search Committee [Executive Director] (2017)
Member, MCH Building the Future of Excellence in Academic Childcare (2016-2018)
Member, MUHC Search Committee, Chief of Medicine (2018-2019)
Member, MUHC, Comite de Regie (2020-)
Member- Appointments, Promotion and Tenure Committee, Department of
Neurology/Neurosurgery (2004-2012)
Member-Promotion Committee, Department of Pediatrics (2006-2009)
Member-Search Committee-Chair-Department of Child Psychiatry (MCH/McGill) [2009-
2011]
Member-Search Committee-Bourgeois Chair in Pervasive Developmental Disorder
(2009-2011)
Chairman, Department of Pediatrics (2011-)
Chair, Promotions Committee - Department of Pediatrics (2011- )
Member, Faculty of Medicine Leadership Council (2011- )
Member, Pediatrics Residency Program & Promotion Committee (2011- )
Member, Executive Committee, McGill réseau universitaire intégré de santé (RUIS)
(2011-2015)
Chair, McGill RUIS Pediatric Subcommittee (2011-2015)
Member, Search Committee - Chief of Pediatrics, St-Mary's Hospital (2014)
Chair, Ad Hoc Committee on Governance: Faculty of Medicine (2014)
Member, AdHoc Committee on Tenure for Clinician Investigators, Faculty of Medicine
(2014)
Member, Faculty of Medicine Deanary Executive Committee - Clinical Chairs
Representative (2016 -2018)
Chair, Cyclical Review Committee, Department of Jewish Studies, Faculty of Arts
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McGill

(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)

#### Provincial

Director-Quebec Cerebral Palsy Registry (2003-)

Member, Quebec Chairs of Pediatrics (2011 - )

Member, Table régionale des chefs de département de médecine spécialisée de Montréal (TRCDMS) - (McGill Faculty of Medicine Representative) (2012-2013)

#### National

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

Expert Advisory Board

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

Advisory Board

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

Project Lead-Cerebral Palsy Demonstration Project NeuroDevNet NCE (2009-2013)

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

Member, Pediatric Chairs of Canada (2011- )
Executive Committee, Pediatric Chairs of Canada (2012-2017)

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

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

#### 4. INVITED CONSULTATIONS

Program Review:

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

August 2013

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

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

## 5. SYMPOSIA/COURSES - Organizer/Chair

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

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

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

Ethics Breakfast Seminar Child Neurology Society Nashville, October 1999

Medico-legal Issues in Child Neurology Canadian Association of Child Neurology

Ottawa, June 2000

Ethics Breakfast Seminar - Futility in Child Neurology Practice Child Neurology Society St. Louis, October 2000

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

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

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

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

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

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

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

Future Directions in Neurodevelopmental Disabilities XIth International Child Neurology Congress

Cairo, Egypt, May 2010

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

Therapeutic Hypothermia for Newborns with Hypoxic-Ischemic Encephalopathy (HIE): Experience and Future Directions

Montreal, Quebec, May 2011

Cerebral Palsy - Joint Session of the XIIth International Child Neurology Congress & Australian

Academy of Cerebral Palsy & Developmental Medicine Brisbane, Australia, May 2012

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

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

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

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

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

Canadian Perspectives on Cerebral Palsy

International Pediatric Association World Congress Vancouver, Canada August 2016

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

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

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-)

Member, Faculty of Medicine Leadership Council (2011- )

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

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-)

Chair, Cyclical Review, Department of Jewish Studies (2017)

Member, Chair of Medicine Search Committee (2017-2019)

Member, Standing Faculty Committee on Chair and Director Review (2018-)

#### HOSPITAL

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

Neurosciences Integration Task Force (1996) McGill University Health Centre

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

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

Research Institute Planning Committee (2000) McGill University Health Centre

Ambulatory Pediatric Care - Functional Planning Group (2001)

## McGill University Health Centre

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

Member (2008-2011)
Brain Development Behavior
Integrated Clinical Network Initiative
Montreal Children's Hospital-McGill University Health Centre

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

## 7. PROFESSIONAL & LEARNED SOCIETIES

## A. Corporation Professionelle des Medecins du Quebec

Examination Jury - Neurology Speciality Certification Corporation Professionelle 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) XVIIth 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

Reseau de Recherche sur le développement de santé et le bien-être de l'enfant.

(RSDSBE)

Member Cerebral Palsy Axis Steering Committee (2002-2006)

Réseau de recherche sur le développement de santé et le bien-être de l'enfant.

Director Quebec/Canadian Provincial Cerebral Palsy Registry (2003-)

Participant (Invited) "Enhancing Capacity in Hospital Based Clinical Health

Research" Workshop (CIHR), Edmonton, January 2003

Participant (Invited) "Developmental Trajectory" Workshop (CIHR), Toronto,

January 2003

Member Pediatric Reference Group (2003 -2006)

Canadian Forum on Neurological Determination of Death

Invited Delegate- Access> Ability

National Research Conference Vancouver, British Columbia

August 2006

Member Scientific Committee

CN-CYR Annual Meeting

October 2007

Member Research Ethics and Regulatory Affairs Network Committee

Child Youth Research Network (CYRN)

2007-2008

Member National Advisory Committee

CN-CYR 2008

Lead Cerebral Palsy Demonstration Project

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- Neurogenetics Clinic

June 1991 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

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, Camp Physician

2002, 2003, 2004, 2005, Y Country Camp (YMHA-YWHA)

2006 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-)

#### 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 is 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, quest 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 (6th Edition, 2018) the

definitive textbook of my professional field.

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

### 2. PERSONAL SUPPORT AWARDS

RVH-MCH Research Institute Fellowship (1989)

FRSQ Post Doctoral Fellowship (1990)

MRC Post Doctoral Fellowship (1990)

FRSQ Chercheur Boursier Clinicien (Junior 2) 1997-2001

FRSQ Chercheur Boursier Clinicien (Senior) 2001-2005

MCH Foundation Personal Award (2000-present)

McGill University Harvey Guyda Chair in Pediatrics (2012-)

#### 3. RESEARCH GRANTS

a) 1996 - 1998 Hospital for Sick Children Foundation

"Towards the Formulation of a Rational Assessment of Developmental Delay in the Young Child"

M. Shevell, (principal investigator), A. Majnemer, P. Rosenbaum (co-investigators). \$40,000/yr.

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

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

1) 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 Microstructual 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)

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 Kirton (Co-I), Dr. John Andersen (Co-I), Dr. Keiko Shikako-Thomas (Co-I), Dr. Jill Zwicker (Co-I), Dr. Francois Bolduc (Co-I), Dr. Annette Majnemer (collaborator), Dr. Michael Kruer (collaborator), Ms. Janice Bushfield (collaborator).

\$200,000

ii) 2018-2020 Kids Brain Health NCE
Canadian Network for Personalized Interventions in Intellectual Disability
Dr. Francois Bolduc (PI), Tim Caulfield (Co-I), Keiko Shikako-Thomas (Co-I), Virginie
Cobigo (Co-I), Helene Ouellette-Kuntz (Co-I), Michael Paulden (Co-I), Michael Shevell (Co-I), Lonnie Zwaigenbaum (Co-I), Gail Andrew (Co-I), Keanan Largo-Afonso (Partner), Michael
Tranfaglia (Partner), Carlo Paribello (Partner), Dena Pederson (Partner), Sebastien
Jacquemeont (Co-I), Kim Boycott (Co-I), Maryam Oskoui (Co-I), Sarah Lippe (Co-I),
Francois Corbin (Co-I).
\$ 100,000

# Congress Support Grants

- 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 HCI in the Treatment of Pediatric Patients with Partial Seizure. Principal Investigator: Abbott Laboratory (Phase IV Clinical Trial)

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.
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- 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.
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- 10. Shevell MI, Matiaszuk N, Ledley FD, Rosenblatt DS, Varying Neurological Phenotypes Among MUT° and MUT- Patients With MethylmalonylCoA Mutase Deficiency. American Journal of Medical Genetics 45:619-624, 1993.
- 11. Kuzniecky R, Andermann F, Guerrini R, and the CBPS Multicenter Collaborative Study Group, Congenital Bilateral Perisylvian Syndrome Study of 31 Patients. Lancet 341: 608-12, 1993.
- 12. **Shevell MI**, Rosenblatt B, Silver K, Inflammatory Myopathy and Walker-Warburg Syndrome: Etiologic Implications. **Canadian Journal of Neurological Sciences** 20:227-229, 1993.
- 13. **Shevell MI**, Silver K, Watters GV, Rosenblatt B, Transient Oculosympathetic Paresis (Group II Raeder's Paratrigeminal Neuralgia) of Childhood: A Migraine Variant. **Pediatric Neurology** 9:289-292, 1993.
- 14. Leppert M, McMahon WM, Quattlebaum TG, Bjerre I, Zonana J, **Shevell MI**, Andermann E, Rosales TO, Ronen GM, Connolly M, Anderson VE, Searching for Human Epilepsy Genes: A Progress Report. **Brain Pathology** 3:357-369, 1993.
- 15. **Shevell MI**, Evans BK, The "Schaltenbrand Experiment" -Wurzburg 1940: Scientific, Historical and Ethical Perspectives. **Neurology** 44:350-356, 1994.
- 16. Kuzniecky R, Andermann F, Guerrini R and the CBPS Multicenter Collaborative Study. The Epileptic Spectrum in Congenital Bilateral Perisylvian Syndrome. Neurology 44:379-85, 1994.
- 17. \*Sylvain M, Arnold DL, Scriver CR, Schreiber R, **Shevell MI**, Magnetic Resonance Spectroscopy in Niemann-Pick Disease Type C: Correlation With Diagnosis and Clinical Response to Treatment With Cholestyramine & Lovostatin. **Pediatric Neurology** 10:228-232, 1994.
- 18. \*Ross IB, Shevell MI, Montes JL, Rosenblatt B, Watters GV, Farmer JP, O'Gorman AM.

- Encephaloduroarteriosynangiosis for the Treatment of Childhood Moya-Moya Disease. **Pediatric Neurology** 10:199-204, 1994.
- 19. Matthews PM, Otero LJ, Marchington DR, Brown RM, Howes R, Meadows LS, **Shevell MI**, Scriver CR, Brown GK, Pyruvate Dehydrogenase Deficiency: Clinical Presentation and Molecular Genetic Characterization of Five New Patients **Brain** 117: 435-443, 1994.
- 20. **Shevell MI**, Matthews PM, Scriver CR, Brown RM, Otero L, Legris M, Brown GK, Arnold DL. Cerebral Dysgenesis and Lactic Acidemia With Reduced Muscle Phosphorylation Potential: An MRI/MRS Phenotype Associated With Pyruvate Dehydrogenase Deficiency. **Pediatric Neurology** 11:224-229, 1994.
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- 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.
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- 31. Shevell MI, Acephalgic Migraines of Childhood. Pediatric Neurology 14:211-215,1996.
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- 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 Homocystinura (cblC). **Journal of Inherited Metabolic Diseases** 20:528-538,1997.
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- 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.
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- 56. Shevell MI Neurosciences in the Third Reich: From Ivory Tower to Death Camps. Can J Neurol Sci 26:132-138,1999.
- <sup>\*</sup>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.
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