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# DEPARTMENT OF PEDIATRICS NEWSLETTER

SUMMER 2019

## MESSAGE FROM THE CHAIRMAN

### Michael Shevell, MDCM, FRCPC, FCAHS

Professor (with Tenure), Departments of Pediatrics and Neurology/Neurosurgery, McGill University  
Guyda Chair in Pediatrics  
Pediatrician-in-Chief, Montreal Children's Hospital/  
McGill University Health Centre (MUHC)



*"Burnout is what happens when  
you try to avoid being human for  
too long"*

- Michael Gungor

Burnout, affecting an estimated 30-60% of health care providers, has become an increasing issue of concern in Canada and elsewhere. Subjectively experienced as feeling exhausted, fatigued, or simply overwhelmed by tasks, it leads to depersonalization, cynicism, declining motivation and vigilance. The net result for the health professional is an increasing disengagement from one's professional, vocational and organizational obligations. Cognitively the affected professional experiences a decline in attention, memory and executive skills. Ultimately there is a loss of compassion, empathy, esteem, confidence, meaning and professionalism. The resulting negative effects on the actual quality of care provided, patient safety and access to care have been documented.

In healthcare professions, traditionally burnout has been attributed to an ever increasing pace of change, at times verging on perceived chaos to the frontline clinician, together with an ever escalating time pressure typically conceptualized as providing care for a greater volume of ill patients. This is combined with a lack of personal control or influence on work processes.

Missing from this process-oriented analysis of the causes of burnout is an explicit consideration of what is perhaps at the root of this phenomenon; the experience of '**moral distress**' by professionals. Moral distress is the product of the discrepancy between the belief in what is the right thing for one to do and external constraints imposed that obliges the pursuit of limited courses of action. Simply stated, the preferred or ethically correct action does not necessarily equate with what one is required, or more frequently actually enabled, to do.

The increasing number of pressures and constraints on health professionals place us at high risk for moral distress. The health professions are 'callings' not 'jobs'. Long periods of demanding training often entails personal sacrifices compared to peers who have chosen non-health career paths. The health professions aspire to, and ingrain in their members, high standards of professionalism that are frequently altruistic and at times contextually subject to non-attainment. Unfortunately due to external constraints, all too often high quality healing and health care remains an aspirational good for the professional who has incorporated into their world view a range of noble aims attached to their profession. For many, beyond the fatigue and exhaustion (something we are used to through training), it is the experience of moral distress and injury that may be the proverbial 'straw that breaks the camel's back' leading to burnout.

From my perspective this is fundamentally a challenge rooted in ethics that mandates ethically driven responses. Obligations are reciprocal: owed to both patients and care providers. *Primum non nocere* also applies to the provider if a sustainable model of quality health care delivery is the intended goal for our society. The providers' vital role in health care and their professional autonomy, expertise and priorities must be respected and reinforced. Top-down models of health system management that impose expectations for reasons of expediency and political gain that fail to take into account the moral imperatives of providers embodied in their innate professionalism and humanity will only lead to more moral distress.

It is time that health care professionals, health care leadership, policy makers and the general public recognize the underlying moral dimensions of burnout. This recognition is an essential precondition to working collectively to articulate responses that minimize the distress being experienced by our health professionals.

**Recognizing we have a problem is the necessary first step in finding solutions. The Department and its leadership have a moral obligation to providing mechanisms to preventing burnout and supporting colleagues who are experiencing its symptoms. Members have an obligation to be on guard for these symptoms in colleagues and where indicated offer support and succor.**

One strategy in preventing burnout is enhancing agency and autonomy. This newsletter is a celebration of our community's collective worth, impact and accomplishments. It is replete with many examples of success and initiative on multiple fronts in multiple domains by members taking an active role in effecting change.

We can make a difference when we choose to make a difference. This is perhaps the greatest dividend yielded by the work we choose to do. This newsletter is a concrete reminder of this.

Have a great summer everyone!



## VIRTUAL SUGGESTION BOX

In December 2017, the Department established a Virtual Suggestion Box at this link:

<http://freesuggestionbox.com/pub/yxweobj>

Constructive suggestions regarding the organization and activities of the Department with respect to any academic area, especially in relation to the now adopted Strategic Plan are welcomed.

Suggestions are entirely anonymous, unless an individual chooses to sign personally. The origin of the suggestion is not traceable electronically. Suggestions submitted will be forwarded to the Chief of Department, (Dr. Shevell) for consideration.

You can find a tab linking to the Suggestion Box on our Departmental website: [mcgill.ca/peds/](http://mcgill.ca/peds/)

## Executive Associate Chair Report



### **Emmett Francoeur, MD, CM, FRCPC**

Executive Associate Chair, Department of Pediatrics  
Director, Child Development Program, Developmental and Behavioral Pediatric Services  
Chair, Renewal Day Planning Committee  
Montreal Children's Hospital - MUHC Glen Site

## **Building the 5 C's: Compassionate, Caring, Collegial, Comprehensive Community**

### **1. Renewal Day 2019**

The first salvo in our attempt to bring overtly compassion to the Children's Hospital was our Renewal Day held on April 18. Our goal was to sensitize our Department to the **New Pediatrics** which was not difficult since we all live it daily. By exploring together what the differences are between a child, previously unknown with no serious medical history, who comes to the Emergency Room with a subsequent admission, and a child who is already well-known to multiple departments with frequent clinic visits who presents with a similar problem as the other child, we taught ourselves what the challenges are for all members of the Hospital care team. Together we enumerated the challenges of such a presentation: from lack of human resources to lack of community care information. The search for solutions was animated by two families who came to describe what their expectations are and what they believe could practically help their experiences, the recurring theme being the need for clear messaging and kindness above all. We did look at solutions such as organization of an Intermediate Complex Care team which would ensure the presence of a navigator to help with coordination of visits and treatments but also the development of the best electronic methods for laying out care plans to be available for everybody in hospital and the community. We underlined once again how open our colleagues are to doing the utmost to care for all the patients in our Hospital.

### **2. General Pediatrics Mindfulness Workshop**

On May 22 Dr. Ron Epstein, internationally renowned in the field, gave Grand Rounds and led a Workshop attended by a wide variety of members of the community, from our own physicians and nurses to members of the WELL Office to surgeons and anaesthetists. The goal at this event was to look inside ourselves to explore what we as individuals are capable of bringing to the doctor-patient, doctor-colleague relationship. He defines mindfulness as moment to moment purposeful attentiveness to one's own physical and mental processes during every work day with the goal of practicing with clarity and compassion. This matters because we are all challenged by burnout for multiple reasons. He led us in many exercises which can lead to the opposite of burnout: Flourishing! That is our new goal.

### **3. Empathy in Health Systems**

Through the enormous efforts of Ron Gottesman in his role as Wendy MacDonald Chair in Pediatric Medical Education, this year's Alton Goldbloom Lecturer Jeremy Howick provided a day long workshop on June 5<sup>th</sup> on establishing processes that promote empathy in health care. Attendees were an inter-disciplinary cross-section of hospital leadership including many members of the Department of Pediatrics. Both a philosopher and a medical epidemiologist, Professor Howick (Oxford) provided the evidence for the benefits of empathy in organizational success and practitioner wellness. Barriers to empathy were identified, but more importantly achievable measures to facilitate empathy were identified. Facilitating empathy as a part of Departmental culture will help enable us to achieve the compassionate, caring, collegial and comprehensive community we all seek to be a part of.

## STAFF UPDATES

The following individuals were appointed as Adjunct Staff:

- ❖ **Martin Bitzan**, Nephrology (April 2019)
- ❖ **Michele Zappitelli**, Nephrology (January 2019)

The following individuals were appointed as Faculty Lecturer:

- ❖ **Virginie Clavel**, Neonatology (January 2019)
- ❖ **Rola Ghaddar**, General Pediatrics (January 2019)
- ❖ **Alicia Lambrinakos-Raymond**, Neonatology (January 2019)
- ❖ **Leopold Medou**, General Pediatrics (January 2019)
- ❖ **Moustafa Mourad**, General Pediatrics (June 2019)
- ❖ **Julie Nadeau-Lessard**, General Pediatrics (February 2019)
- ❖ **Aisling O’Gorman**, General Pediatrics (September 2016)

The following individuals were appointed as Assistant Professor:

- ❖ **Rislaine Benkelfat**, General Pediatrics (February 2019)
- ❖ **Lara Hart**, Gastroenterology (April 2019)
- ❖ **Sarah Long-Gagné**, General Pediatrics (January 2019)
- ❖ **Katryn Paquette**, Neonatology (January 2019)
- ❖ **Michelle Ryan**, Neonatology (October 2018)

The following individuals were promoted to Associate Professor:

- ❖ **Najma Ahmed**, Gastroenterology (January 2019)
- ❖ **Kolja Eppert**, Hematology-Oncology (May 2019)
- ❖ **Deborah Friedman**, Physiotherapy (January 2019)
- ❖ **Catherine Henin**, General Pediatrics (January 2019)
- ❖ **Annie Sbrocchi**, Endocrinology (January 2019)
- ❖ **Adam Shapiro**, Respiratory Medicine (January 2019)

The following individuals were promoted to Full Professor:

- ❖ **Nancy Braverman**, Medical Genetics (May 2019)
- ❖ **Indra Gupta**, Nephrology (May 2019)

The following individuals received Tenure:

- ❖ **Kolja Eppert**, Hematology-Oncology (May 2019)
- ❖ **Beth Foster**, Nephrology (June 2019)

Division Directors appointments:

- ❖ **Dr. Laurie Plotnick**, Emergency Medicine (July 1, 2019)

The following individuals were selected as H-KAP Fellows:

- ❖ **Blair Whittemore**, Hematology-Oncology (March 2019)
- ❖ **Sandra Woods**, Pediatrics (April 2019)
- ❖ **Dorothy Moore**, Infectious Diseases (September 2018)

The following individuals were designated as Goldbloom Fellows for 2019-2020:

- ❖ **Shirley Blaichman**, General Pediatrics
- ❖ **Estelle Chetrit**, General Pediatrics
- ❖ **Geoffrey Dougherty**, General Pediatrics
- ❖ **Maya Leitner**, General Pediatrics
- ❖ **Diane Munz**, General Pediatrics
- ❖ **Edmond Shahin**, Allergy, Immunology & Dermatology

### RETIREMENT:

- Denis Leduc,  
Gen Peds  
(June 2019)



### -- CONDOLENCES --

Our condolences go out to the family of Department Member **Dr. Richard Haber** (Pediatrician) who passed away on February 7, 2019. Rick was a long time valued member of our Department who adroitly bridged the gap between the community and hospital. He was intensely devoted to his patients and trainees and a consummate physician who was the essence of professionalism. He was a very integral part of our institutional fabric.



### Our condolences go out to:

- *Dr. Saleem Razack* who lost his mother on January 15, 2019.
- *Dr. Veronica Birca* who lost her mother, Dr. Ala Birca, on April 1, 2019.
- *Drs. Karen and Terry Sigman* who lost their mother, Dr. Maxine Sigman, on May 25, 2019.

*Congratulations!*

## AWARDS & ACHIEVEMENTS

In May 2019, **Dr. Marie-Julie Allard** won first prize for presenting outstanding research project *Sex-differentiated maternofetal innate immune responses in group B Streptococcal chorioamnionitis* at the Congrès provincial de la recherche mère-enfant, RI-MUHC.



In May 2019, Dr. Mylene Dandavino received the MSW Wellness Award for Clinical Teachers. It is a Faculty of Medicine McGill student-voted award that recognizes a clinical teacher that best models a commendable life-work balance through expert professionalism, clinical competence and exemplary self-care.

*Photo: Dr. David Eidelman, Dean, Faculty of Medicine, McGill University, Dr. Mylene Dandavino.*

In June 2019, **Dr. Nada Jabado** received the 2019 Pediatric Academic Leadership Clinician Investigator Award by the Pediatric Chairs of Canada (PCC).

In May 2019, **Dr. Christine Lejtenyi** received the Bram Rose Lifetime achievement award by the AAIQ – the Quebec Association of allergists and Immunologist.

In April 2019, **Dr. Stephen Liben's** name was assigned to the 2020 CSPCP Undergraduate Narrative Medicine Award.

In May 2019, **Dr. Dorothy Moore** and the **#aHand2Hold campaign** were recognized in separate accolades in the Canadian Pediatric Society (CPS) annual review.

- **Solo flight policy grounded!** Dr. Radha Jetty, Chair of the First Nations, Unuit and Métis Health Committee, and CPS President Dr. Catherine Farrell, joined **Dr. Samir Shaheen-Hussain**, a pediatric emergency physician at the Montreal Children's Hospital, in his #AHandToHold campaign. With L'Association des Pédiatres du Québec members, Indigenous leaders, and many allied health professionals, they protested a discriminatory, decades-old policy that routinely barred parents from accompanying a seriously ill child or youth being airlifted to hospital. Their advocacy "took flight", and the policy, which had disproportionately impacted Indigenous families from remote Northern communities, is no more. Flying forward, practice is changing to ensure parental accompaniment for minors during urgent medical transfers.
- **Overcoming vaccine hesitancy** is also the focus of Moving to Acceptance, a new online module and day-long live workshop for a wide range of health care providers. **Dr. Dorothy Moore**, *Your Child's Best Shot* author and Infectious Diseases and Immunization Committee member, chaired a multidisciplinary committee of immunization experts with characteristic precision and finesse. Supported by the Public Health Agency of Canada, they developed two distinct learning experiences for raising awareness and improving counselling strategies in everyday practice. The first live workshop launched at the CIC to a sold-out crowd of vaccine providers.

## AWARDS & ACHIEVEMENTS - CONTINUED

In May 2019, **Dr. Francisco Noya** received the Paige & Bernard Kaplan Award from the McGill pediatric residents.

In June 2019, **Dr. Chantal Poulin** received the annual Award of Distinction for Outstanding Contributions to McGill Neurology.

In May 2019, **Dr. Ernest Seidman** received a Distinguished James McGill Professor designation.

In May 2019, **Dr. Samir Shaheen-Hussain's** #aHand2Hold campaign was the recipient of the Canadian Association of Emergency Physicians' (CAEP) Alan Drummond Advocacy Award. In February 2019, he also was a finalist for the McGill University's Principal's Prize for Public Engagement Through Media.

In February 2019, **Dr. Terry Sigman** received the McGill University Transition to Clinical Practice Award.

In April 2019, **Dr. Davinia Withington** received the Canadian Anesthesiologist Association Dr. R. A. Gordon Research Award for *Does prolonged sedation during mechanical ventilation for acute respiratory illness affect neurodevelopment in previously healthy infants? The PICU Follow-Up Neurodevelopment (PICU-FUN) Study.*

## RESEARCH FUNDING

In January 2019, **Dr. Moshe Ben-Shoshan** (PI) received a CIHR grant *GRADE: GRAded challenge for Drug allergy Evaluation*. (336,600\$)

In April 2019, **Dr. Catherine Goudie** (PI) received a CIHR project grant for *Rationalizing Genetic Referral Practices I Pediatric Oncology: An eHealth Decision Support Tool for Identifying Cancer Predisposition Syndromes*. (325,124\$)

In October 2018, **Dr. Nada Jabado** (PI) received a grant from Stand Up to Cancer via CCH Med Center for *Immuno-modulation to Treat Poor-Prognosis Pediatric Brain Tumours*. (299,084\$)

In June 2019, **Dr. Myriam Srouf** received a grant from Savoy Foundation for *Single nuclear sequencing in focal cortical dysplasias*. (25,000\$)

In January 2019, **Dr. Pia Wintermark** (PI) received a CIHR grant *Repairing the brain of sick newborns: From bench to bedside*. (1,021,275\$)

FRQ-S Salary support awards:

### Chercheur-Boursier Clinicien:

- **Dr. Moshe Ben-Shoshan** – Allergy, Immunology, Dermatology – Junior 2
- **Dr. Brett Burstein** – Pediatric Emergency Medicine – Junior 1
- **Dr. Patricia Fontela** – Pediatric Critical Care Medicine – Junior 2
- **Dr. Myriam Srouf** – Pediatric Neurology – Junior 2

### Chercheur-Boursier:

- **Aparna Suvrathan** – Pediatric Neurology – Junior 1

Winners of the McGill University Grand Defi Pierre Lavoie Competition (April 2019):

- **Dr. Indra Gupta**: "Understanding the molecular basis of congenital drainage system defects in children."
- **Dr. Rima Slim**: "Identify novel genes responsible for triploid miscarriages and ovarian teratoma."
- **Dr. John Mitchell**: "Exploring clinically relevant biomarkers in lysosomal and peroxisomal disorders: assessment of ceramide levels using dried blood spots."
- **Dr. Maryam Oskoui**: "A prospective observational study of nusinersen treatment in children and adults with spinal muscular atrophy in Quebec."

Winners of the 2018-2019 FDE (Fondation des étoiles) competition (January 2019):

- **Dr. Daniel Dufort**: "Nodal as modulator of Inflammation in preterm birth and preeclampsia."
- **Dr. Geneviève Bernard**: "Using a multidisciplinary approach to study a severe subtype of POLR3-related leukodystrophy and shed light on disease pathogenesis."
- **Dr. Patricia Fontela, Dr. Jesse Papenburg**: "Biomarkers to improve the diagnosis of bacterial pneumonia in bronchiolitis."

In June 2019, the following individuals were the winners of the MUHC-RI New Directions in Research Competition:

- **Dr. Jesse Papenburg** for his project "Integrating host responses and pathogen detection to improve diagnosis of community-acquired bacterial pneumonia in hospitalized children: a pilot prospective cohort study" (50,000\$)
- **Dr. Nancy Braverman** for her project "Reclassifying PBD as a lipid deficiency not excess suggests novel treatments" (50,000\$)
- **Dr. Myriam Srouf** for her project "Understanding focal cortical dysplasia pathogenesis using single nucleus RNA sequencing" (50,000\$)
- **Dr. Paul Goodyer** for his project "Aminoglycoside translational readthrough of nonsense mutations in polycystic kidney disease" (50,000\$)

## LEADERSHIP DEVELOPMENT

The following individuals were the recipients of the:

### Department of Pediatrics 2019-2020 Women in Leadership Bursaries:

- Dr. Tiscar Cavallé-Garrido (Cardiology)
- Dr. Tanya Di Genova (Critical Care)
- Dr. Catherine Henin (General Pediatrics)
- Dr. Marie-Astrid Lefebvre (Infectious Diseases)
- Dr. Julia von Oettingen (Endocrinology)
- Dr. Jessica Stewart (Emergency Medicine)

### Department of Pediatrics 2019 Leadership in Healthcare Bursaries:

- Dr. Robert Barnes (Endocrinology)
- Dr. Mylene Dandavino (General Pediatrics)
- Dr. Patricia Fontela (Critical Care)
- Dr. Beth Foster (Nephrology)
- Dr. Emmett Francoeur (General Pediatrics)
- Mrs. Cassandra Fusco (Associate Director, AEC9)
- Dr. Richard Gosselin (Neonatology)
- Dr. Fatemeh Jafarian (Allergy, Immunology, Dermatology)
- Dr. Nadine Korah (General Pediatrics)
- Dr. Stephen Liben (General Pediatrics)
- Dr. Caroline Ouellet (Emergency Medicine)
- Dr. Hema Patel (General Pediatrics)
- Dr. Laurie Plotnick (Emergency Medicine)
- Dr. Claudia Renaud (Cardiology)
- Dr. Olivia Tse (General Pediatrics)



## CONGRATULATIONS TO THE DELIGHTED PARENTS!

- **Dr. Audrey Dadoun** welcomed Adam on March 20, 2019.
- **Dr. Marie-Michele Gaudreault-Tremblay** welcomed Gabrielle on May 25, 2019.
- **Dr. Nadine Korah** welcomed Leo Rafael born on May 30, 2019.
- **Dr. Catherine Nolin** welcomed Veronica Rose on May 15, 2019.

## Department of Pediatrics at Women in Leadership Conference

The Canadian Women in Medicine Wellness Conference (WIM) was designed as an opportunity for female physicians to learn, network, decompress and explore new products and services in a casual and supportive environment. Keynote speakers and workshops covered a range of topics that touched all aspects of women's lives: professional, financial and personal.

<https://canadianwim.ca>



Let to right: Drs. Samara Zavalkoff, Jessica Stewart, Claudia Renaud, Tiscar Cavalle, Ilana Bank, Tanya di Genova, Lianne Kopel.

## CLINICAL INNOVATIONS TO NOTE:

- ▶ Adolescent Bariatric Surgery Program Established
  - Julius Erdstein (Adolescent Medicine), Laurent Legault (Endocrinology)
- ▶ Intermediate Complexity Program
  - Hema Patel & Complex Care Team (General Pediatrics)
- ▶ Mobile Community Clinic Proposal
  - Rislaine Benkelfat (General Pediatrics)
- ▶ #ahand2hold
  - Samir Shaheen-Hussain (Emergency Medicine) & Saleem Razack (Critical Care)
- ▶ Social Pediatrics Clinic in the North
  - Johanne Morel (General Pediatrics)
- ▶ Pediatric Nurse Practitioners Training Program
  - Tanya Di Genova (Critical Care)
- ▶ Spinraza (nusinersan) Protocol for SMA Implemented
  - Maryam Oskoui (Neurology), Robert Barnes (Endocrinology)
- ▶ MCH Medical-Legal Clinic (Pro-Bono Quebec)
  - Michael Shevell (Neurology)



## TRAINEE BURSARY FUNDING RECIPIENTS

### Clinical Bursary Award in Pediatrics recipients:

2017 applications (started July 1, 2018): Monica Quiros, Pediatric Hematology-Oncology (started May 2019)  
Keren Nathan, Pediatric Infectious Diseases (started September 2018)

2018 applications (starting July 1, 2019): Lona Mwenda, Pediatric Critical Care  
Marina Mir-Parramon, Pediatric Emergency Medicine

2019 applications (starting July 1, 2020): Tilmann Schober, Pediatric Infectious Diseases  
Maya Heled Akiva, Pediatric Infectious Diseases

### Alan Ross Bursary Award in Pediatrics recipients:

2017 applications (started July 1, 2018): Kayur Mehta, Pediatric Infectious Diseases

2018 applications (starting July 1, 2019): Angeliki Makri, Pediatric Endocrinology

2019 applications (starting July 1, 2020): Yulia Vaisbourd, Pediatric Nephrology

### Trainees funded through Department of Pediatrics **MSSA Pediatric Trainee Contribution Fund:**

2018-2019 academic year: Javiera Retamal Martinez, Pediatric Cardiology  
Ravi Jayas, Pediatric Critical Care  
Anastasia Ibba, Pediatric Endocrinology

2019-2020 academic year: Jana Pamela Pena Graca, Pediatric Cardiology  
Ravi Jayas, Pediatric Critical Care  
Donovan Duncan, Pediatric Critical Care  
Joanne Delaney, Pediatric Hematology-Oncology  
Beatriz Milioni, Neonatal-Perinatal Medicine (starting January 2020)

### Trainees funded through Montreal Children's Hospital Foundation:

2018-2019 academic year: Mustafa Safi, Pediatric Critical Care  
Michael Geylis, Pediatric Nephrology  
Maria Helena Salustiano, Neonatal-Perinatal Medicine  
Robson Imbroise Silva, Neonatal-Perinatal Medicine  
Kayur Mehta, Pediatric Infectious Diseases  
Caio Barbosa de Oliveira, Neonatal-Perinatal Medicine  
Paulina Armendáriz Landois, Pediatric Critical Care

2019-2020 academic year: Paulina Arnedariz Landois, Pediatric Critical Care  
Caio Barbosa, Neonatal-Perinatal Medicine  
Joanne Delaney, Pediatric Hematology-Oncology  
Donovan Duncan, Pediatric Critical Care  
Ravi Jayas, Pediatric Critical Care  
Tugba Alarcon Martinez, Neonatal-Perinatal Medicine  
Marina Mir-Parramon, Pediatric Emergency Medicine  
Lona Mwenda, Pediatric Critical Care  
Keren Nathan, Pediatric Infectious Diseases  
Gabriela Nunes, Neonatal-Perinatal Medicine  
Jana Pamela Pena Graca, Pediatric Cardiology  
Karolina Poplawska, Pediatric Respiratory Medicine  
Monica Quiros, Hematology-Oncology  
Javiera Retamal Martinez, Pediatric Cardiology  
Maria Helena Salustiano, Neonatal-Perinatal Medicine  
Floura Taher, Pediatric Critical Care  
Punnanee Wutthigate, Neonatal-Perinatal Medicine

**The recipients of 2019-2020 MSSA Innovation Fund are:**

**Holly Agostino** – Safe Spaces: Improving the Delivery of Adolescent Confidential Care in a Tertiary Care Setting

**Brett Burstein** – Derivation of a novel clinical prediction rule for febrile young infants incorporating procalcitonin testing: A multi-center feasibility study

**Sara Long-Gagné** – Validation of a new needs-based stratification tool for attribution of health care services in children with medical complexity

**Olivier François** – Enhancement of Discharge Summary Quality Across the MCH

**Jesse Papenburg** – *Pilot implementation of a highly multiplexed rapid meningoencephalitis panel for cerebrospinal fluid testing at the Montreal Children's Hospital: feasibility, clinical impact and cost-effectiveness*

**Anne-Marie Sbrocchi** – *Changing the learning lens: Evaluation of the impact of a home visit on pediatric postgraduate trainee perceptions of children with medical complexity and their families.*

## DEPARTMENTAL ACKNOWLEDGEMENTS

### January 2019

- 11 Shawn Stochmanski, and Jarred Slimovitch (medical students)
- 18 MCH Department of Nutrition
- 25 Dr. Pierre Marin

### February 2019

- 01 Dr. Gary Pেকেles
- 08 Dr. Linda Samotis
- 15 Dr. Richard Haber (In memorium)
- 22 Dr. Blair Whittemore

### March 2019

- 01 Cassandra Fusco
- 08 Melissa Acciaoiili
- 15 Dr. Catherine Rich, Dr. Rosalie Cavin
- 22 Dr. Samir Hussein
- 29 Dr. Najma Ahmed

### April 2019

- 05 Dr. Debbie Friedman
- 12 Dr. Catherine Henin
- 18 Dr. Annie Sbrocchi
- 26 Adam Shapiro

### May 2019

- 03 Nurses of the MCH
- 10 Dr. Elisabeth Simard-Tremblay
- 17 Dr. Nancy Braverman, Dr. Indra Gupta
- 24 Dr. Denis Leduc
- 31 Dr. Olivia Tse

### June 2019

- 07 2018-2019 Goldbloom Fellows: Shirley Blachman, Richard Haber, Diane Munz.
- 14 CIHR Grant recipients: Marc Beltempo, Moshe Ben-Shoshan, Catherine Goudie, Constantin Polychronakos, Janet Rennick, Pia Wintermark
- 21 2019 Graduates
- 28 Dr. Harley Eisman

To read acknowledgements, please visit:

[www.mcgill.ca/peds/mission/acknowledgements](http://www.mcgill.ca/peds/mission/acknowledgements)



## Associate Chair of Research Report



**Patricia Fontela, M.D., Ph.D.**

Associate Chair, Research

Assistant Professor of Pediatrics, McGill University

Associate Member – Dept. of Epidemiology, Biostatistics and Occupational Health, MUHC

The Department of Pediatrics Research Working Group continues working towards its goals of fostering pediatric research at our department and of developing the necessary infrastructure to ensure the thriving of our researchers. The members of the Research Working group include Dr. Patricia Fontela (Associate Chair – Research), Dr. Patricia Li (representative of clinical researchers), Dr. Kolja Eppert (representative of basic science researchers), Dr. Pia Wintermark (representative of residents and fellows), Dr. Emmett Francoeur (representative of clinicians), and Dr. Indra Gupta (RI-MUHC Director of Child Research).

The initiatives currently available to the members of our Department and to our trainees are the following:

**1) Epidemiology consults:** Epidemiology consults are offered to all residents and fellows of our department (4 hours/trainee/calendar year) and their project supervisors. To book a consult, please email Dr. Emmanouil Rampakakis at [emmanouil.rampakakis@mail.mcgill.ca](mailto:emmanouil.rampakakis@mail.mcgill.ca)

**2) Orientation day for new departmental researchers:** We will hold the second “Crash Course” for new departmental clinician scientists and PhD researchers in the Fall 2019. This 1-day activity aims to present to new recruits the research infrastructure available to them at the Department of Pediatrics and at the RI-MUHC.

**3) Research awards and bursaries for trainees:** We continue to offer the Alan Ross Academic Bursary and the Dr. Claude Giroud Prize to our trainees on an annual basis. The Alan Ross Academic Bursary is available to successful applicants pursuing postgraduate training mainly dedicated to research in a pediatric specialty after having completed three years of core training in Pediatrics, or equivalent. Successful candidates will intend to pursue an academic career as clinician scientists upon completion of training. This year’s recipient will be announced in July 2019. The Dr. Claude Giroud Prize is awarded on the basis of scientific merit to the author of a paper suitable for publication in a pediatric journal. The prize is open to medical students and to residents and fellows in pediatric training. This year’s winner will be announced at the Residents’ Graduation Ceremony on June 17<sup>th</sup> 2019.

**4) Pilot study competition:** We held our first annual competition for pilot projects. This year, four \$20,000 grants will be awarded. This competition will fund pilot projects that will lead to future grant proposals to external funding agencies. The awardees will be announced in July 2019.

**5) Divisional research infrastructure:** This year, we are offering \$5,000 to all divisions of the Department of Pediatrics to help to develop their research infrastructure. Importantly, all research related activities proposed by the divisions must benefit all division members involved in research (i.e., clinicians, clinician scientists, PhD researchers, residents, and fellows). Examples of eligible activities include financing an investigator initiated project or a resident/fellow’s project, payment of research assistant for a project/division, payment of divisional membership at a research consortium, etc.

The Research Working Group serves all members of our department. In 2019, we plan to pursue the following projects: 1) to meet all with all Division Directors to discuss how the Department of Pediatrics can help the divisions to successfully achieve their research related goals, and 2) to develop a mentorship program for new departmental researchers (clinician-scientists and PhD researchers).

We wish you all a wonderful summer!

## PEDIATRIC MEDICAL GRAND ROUNDS

### January 2019

- 09 *Respiratory Virus Diagnostics: Better Tests, Better Outcomes?* Dr. Nadine Korah, MCH
- 16 *The A to Zzz's of Pediatric Sleep Medicine: A 20 year update.* Dr. Evelyn Constantin, MCH
- 23 *31<sup>st</sup> Annual Saul Usher Lecture: Novel Technology in Pediatric Echocardiography – A view into the future.* Dr. Luc Mertens, Hospital for Sick Kids
- 30 *Family Literacy Day: Health Literacy and Pediatric Practice: Making it Happen.* Linda Shohet, BA, MA, PhD,

### February 2019

- 06 *Repairing the Brain of Sick Newborns: From Bench to Bedside.* Dr. Pia Wintermark, MUHC-RI
- 13 *Intersection Between the Opioid Crisis and Pain Crisis – Impact on Children with Chronic Pain.* Dr. Fiona Campbell, Hospital for Sick Children.
- 20 *Transitioning to Competency-By-Design in Pediatrics: Lessons Learned at McGill and Preparing for Successful Implementation.* Dr. Nathalie Buu, MCH, Dr. Evelyn Constantin, MCH, Dr. Carlos Gomez-Garibello, McGill University, Dr. Elisa Ruano Cea, MCH.
- 27 *Dr. N. Blair Whittlemore Visiting Professor of Sarah's Fund for Cedars in Pediatric Hematology-Oncology: Using Genomics to Improve Diagnosis and Management of Acute Lymphoblastic Leukemia.* Dr. Charles Mulligan, St. Jude Children's Research Hospital, USA.

### March 2019

- 06 *March break- no lecture*
- 13 *MCH's Global Health Involvement: Partnership with Rwanda: Successes and Challenges.* Dr. Thérèse Perreault, MCH.
- 20 *Sociocultural Consultation and Interpretation Services (SCIS): Who is left behind? Health Disparities Among LGBT Children, Youth and Adults: Strategies for Inclusive Care.* Dr. Shuvo Ghosh MCH, Dr. Pierre Tellier, CLSC Cote-des-Neiges and Head and Hands.
- 27 *Charlotte Laplante Branchaud Lectureship in Perinatal Endocrinology: Congenital Hyperinsulinism – Management and Outcomes.* Dr. Daphne Yau, Royal Manchester Children's Hospital, U.K.

### April 2019

- 03 *Donald Cohen Lectureship in Childhood Autism: New Frontiers in ASD Diagnosis.* Dr. Lonnie Zwaigenbaum, University of Alberta
- 10 *17<sup>th</sup> Annual Steinberg Child Development Lectureship: A New Era in the Treatment of Rare Disease: Perspectives from a Pediatric Neurologist.* Dr. Maryam Oskoui, MCH
- 17 *How to Understand and Interpret Reports from Molecular Genetics Labs.* Dr. Jean-Baptiste Rivière, MUHC-RI
- 24 *Innovative Approaches to Pediatric and Adolescent Care: Child Life Play-Based Interventions.* Dr. Helen Magdalinos, MCH

### May 2019

- 01 *7<sup>th</sup> Donald and Elizabeth Hillman Global Child Health Lecture: Global Health and Pediatric Neurology.* Dr. Jorge Vidaurre, Nationwide Children's Hospital, Ohio State University.
- 08 *Pediatric Ethics Conference: If Mature Minors Were to be Eligible for Medical Assistance in Dying: an Ethical Lens on Possible Benefits, Risks and Safeguards.* Dr. Dawn Davies, The Children's Hospital of Eastern Ontario.
- 15 *Department of Pediatrics Town Hall Meeting, Dean David Eidelman, Faculty of Medicine and VP of Health Affairs, McGill University.*
- 22 *Flourishing at Work – Mindful Lessons for Clinicians and Leaders.* Dr. Ronald Epstein, University of Rochester School of Medicine and Dentistry)
- 29 *Alice Chan-Yip Lectureship in Integrative and Psychosomatic Medicine. Advances in Diagnosis and Treatment of Somatic Symptom Disorders.* Dr. W. Curt LaFrance JR, Alpert Medical School, Brown University.

### June 2019

- 05 *49<sup>th</sup> Annual Alton Goldbloom Lecture: Why Every Health Consultation Needs a Dose of Empathy.* Dr. Jeremy Howick, Nuffield Department of Primary Care Health Sciences, University of Oxford Fellow, Kellogg College.
- 12 *School of Physical and Occupational Therapy: Building Healthy Inclusive Communities for All.* Dr. Denise Keiko Shikako-Thomas, McGill University.
- 19 *Frank M. Guttman Visiting Professor: The Unspoken Quality Metric: Moral Distress and Peer Support in Healthcare.* Dr. Kurt F. Heiss, Children's Healthcare of Atlanta.
- 26 *Summer break – no lectures.*



## GENERAL PEDIATRIC RESIDENCY TRAINING PROGRAM NEWS

The arrival of summer always brings with it the bittersweet end of the academic year, with the notable highlights of 2018-2019 being the innovative work being done by our program in moving forward Competence by Design, enhancing the culture of research and scholarship, building a culture and curriculum that promotes resident well-being and resilience, and enhancing collaborations with our community based teaching sites. Many of these achievements were recognized in the successful accreditation visit of our program in March. We are so proud of the hard work and accomplishments of all of our residents and we are delighted to soon be welcoming our 9 new Pediatrics R1s (4 of whom were welcomed in April for the PEAP orientation program), as well as 3 new R1's in Pediatric Neurology and two in Medical Genetics for their official start on July 1.

This also marks the time of year where we have to say goodbye to residents who have spent the last 3 or 4 years as part of our family. Our graduating residents are:

*Dr. Rosalie Cavin (Endocrinology Fellowship, McGill)*  
*Dr. Anne-Josée Côté (Pediatric Emergency Medicine Fellowship, Calgary)*  
*Dr. Jumanah Karim (Allergy & Immunology Fellowship, McGill)*  
*Dr. Kimberley Kaspy (Respirology Fellowship, McGill)*  
*Dr. Marta Perez Morgui (Developmental Pediatrics Fellowship, McGill)*  
*Dr. Kim Phung (Endocrinology Fellowship, U de M)*  
*Dr. Bayane Sabsabi (Neonatal-Perinatal Medicine Fellowship, McMaster)*  
*Dr. Rilla Schneider (GI Fellowship, U of T)*  
*Dr. Esraa Bukhari (Allergy & Immunology Fellowship, McGill)*  
*Dr. Samar Hamdan (Developmental Pediatrics Fellowship, USA)*  
*Dr. Mohannad Ibn-Homaid (Hematology-Oncology Fellowship, McGill)*  
*Dr. Yousef Mandourah (Pediatric Emergency Medicine Fellowship, Ottawa)*

We are extremely proud of all of our graduates and wish them all the best for their future careers!

We would also like to take this opportunity to thank our fantastic administrative team consisting of Alessandra Tedeschi and Bobbie Carin as well as Cassandra Fusco and Bruna Salhany at AEC 9 who are an incredible support to the program and to the residents.

Finally, we would like to announce that after 3 years of tremendous service and dedication to the program, Dr. Olivia Tse will be stepping down from her position as Associate Program Director. Dr. Tse has been instrumental in building a culture that supports resident well-being in our program. Dr. Elisa Ruano will be taking on the role of Assistant PD, with a particular focus on Competence-by-Design and curriculum. We are greatly looking forward to having her join our leadership team.

Wishing you all a wonderful summer!

### **Rob and Olivia**

Robert Sternszus MDCM, MA (Ed), FRCPC  
Director, Pediatrics Residency Program  
Core Member, Centre for Medical Education  
McGill University

Olivia Tse MD, FRCPC  
Associate Director, Pediatrics Residency Program  
McGill University

## MCGILL PEDIATRIC GRADUATES 2018-2019

Earlier this week our community came together in celebration of our graduating cohort for 2019. It is a very special milestone for our learners as it represents another important step on their extended professional journey. It is also a special day for all of us as we watch those in whom we have invested our teaching and wisdom take flight. Each of our graduates merit this week's Departmental Acknowledgement. Please join me in congratulating them on their achievement and wishing them all the best on where ever their paths take them. They carry a bit of the MCH and McGill's Department of Pediatrics wherever they may go.

PGY3- General Pediatrics: Dr. Anne-Josée Coté, Dr. Kim Phung, Dr. Bayane Sabsabi, Dr. Rilla Schneider

PGY4- General Pediatrics: Dr. Zahraa Al Lawati, Dr. Esraa Bukhari, Dr. Marie-Pier Dumas, Dr. Samar Hamdan  
Dr. Mohannad Ibn-Homaid, Dr. Yousef Mandourah

Allergy-Immunology: Dr. John Molloy

Cardiology: Dr. Faleh Al Qahtani, Dr. Javiera Retamal Martinez

Critical Care Medicine: Dr. Razan Babakr

Hematology-Oncology: Dr. Stephanie Mourad

Nephrology: Dr. Reham Alamri

Neonatology: Dr. Jocelyne Bukeyenzeza (International Program), Dr. Caio Barbosa De Oliveira,  
Dr. Paloma De Carvalho Costa, Dr. Robson Imbroise da Silva

Neurology: Dr. Abdulla Alawadhi

I would like to single out two trainees for their receiving of CanMEDS Awards from the Faculty. Two are given annually with the roles recognized alternated.

**Anne-Josée Coté** will receive the award for the role of Collaborator. Anne-Josée is a kind and compassionate individual who has consistently demonstrated collaborative skills since the beginning of residency. She will pursue subspecialty training in Pediatric Emergency Medicine in Calgary.

**Bayane Sabsabi** will receive the award for the role of Leader. Bayane is an astute as well as insightful individual who has been committed to providing a voice for her resident colleagues. She will pursue subspecialty training in Neonatology at McMaster University.

Congratulations to Anne-Josée and Bayane on this recognition!

### Michael Shevell

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

Guyda Chair in Pediatrics

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

Follow Me on Twitter: @McGillPeds



### 2018-2019 McGill Pediatrics Graduation

Hôpital de Montréal  
pour enfants  
Centre universitaire  
de santé McGill



## Associate Chair of Education Report



**Laurie Plotnick MDCM, FRCPC**

Associate Chair (Education)

Associate Professor, Department of Pediatrics, McGill University

Associate Director, Pediatric Emergency Medicine, Montreal Children's Hospital, MUHC

Dear Colleagues,

I am pleased to share with you exciting information related to cross-cutting departmental educational initiatives which reflect the amazing educational excellence and collaboration within our department:

- 1. NEW! PGME Accreditation** – All pediatric programs that were surveyed received a preliminary verbal accreditation category of "Next Regular Survey" (i.e. no major changes and no accreditation visit for eight years). Additionally, the surveyors designated the following three initiatives within the programs as "**Leading Practice and Innovation's (LPis)**" (a designation which is considered to be a rare and exceptional recognition by the Accreditation body): **The Helen Karounis Agora Program (H-KAP), integration of Lean-Six Sigma within the core Pediatric curriculum, and Combined Pediatric Subspecialty Rounds.**
- 2. NEW! Recruitment of subspecialty residents and fellows** – To increase recruitment of subspecialty residents and fellows, a formalized departmental recruitment strategy has been implemented which included increased outreach by Dr. Shevell Pediatric Department Chairs and Program Directors within Canada (outside of Quebec), Belgium, India, Switzerland in addition to those already contacted in East Africa, South Africa, Australia, Israel and Singapore. This strategy complements the Faculty of Medicine recruitment strategies of Pediatric Departments in Saudi Arabia, Kuwait, UAE, Oman, Qatar and Bahrain. To date, this initiative has been met with enthusiasm from within Canada and abroad.
- 3. NEW! Inaugural Orientation Bootcamp for Incoming Subspecialty Residents new to the MCH** – Based on an identified need by the program directors within our department, **Drs. Tiscar Cavalle** and **Najma Ahmed** have organized an Orientation Bootcamp for subspecialty residents (R4s-R6s) and fellows who are new to the MCH. This bootcamp will be held on **July 2<sup>nd</sup> 9:30-12:00 (B.R.C. 3219, Cardiology Centre)** and includes the following content which are not included in the McGill nor the MUHC orientation sessions: Hospital Tour, Pharmacy session, Charting at MCH, Communication Skills.
- 4. NEW! Revamped Department of Pediatrics Webpage – Coming Soon** – Natalie Ross, in collaboration with Sally Crawford, Laurie Plotnick and the McGill Faculty of Medicine has been making significant advances in improving our Department of Pediatrics website to optimally showcase our people, initiatives and successes. **The revamped website will be a critical element in our enhanced strategy for recruitment of medical trainees!** Please look out for emails requesting information for the website!
- 5. UPDATE! Helen Karounis Agora Program (H-KAP)** – We are pleased to welcome **Drs. Sandra Woods** and **Blair Whittemore** as our newest H-KAP Fellows.
- 6. UPDATE! Program Coordinators** – Thanks to the amazing dedication and commitment to excellence of our AEC#9 and Program Coordinators, we continue to fill our allotted administrative positions. Program Coordinator assignments will continue to be modified to optimize support for all programs. An updated list of administrators and their assignments are posted on the Education and Training section of the Department of Pediatrics website <https://www.mcgill.ca/peds/education-training/leadership-and-administration>.

## Associate Chair of Education Report - continued

7. **UPDATE! Institute of Pediatric Simulation (IPS)** - The IPS webpage has been updated to include information related to the IPS consultation service and to booking a space for a simulation activity.  
<https://www.mcgill.ca/peds/education-training/institute-pediatric-simulation>
8. **UPDATE! Continuing Professional Development Website** Natalie Ross and Dr. Terry Sigman, with the support of the Wendy MacDonald Fund, are close to launching a CPD website which will provide information about departmental and divisional CPD activities as well as healthcare professional resources such as medical protocols, parent education pamphlets, recordings of Department of Pediatrics Medical Grand Rounds. If you have any questions or ideas for CPD activities please forward them to [terry.sigman@muhc.mcgill.ca](mailto:terry.sigman@muhc.mcgill.ca) or [peds.cpd@muhc.mcgill.ca](mailto:peds.cpd@muhc.mcgill.ca).
9. **NEW! McGill Pediatric Nurse Practitioner (PNP) Program** – The first cohort of PNP students in Quebec will begin their clinical rotations in June 2019 and will participate in complex care, general medical in-patient ward, PICU, cardiology, respirology, gastroenterology, nephrology, infectious disease, neurology, and hematology-oncology. **Linda Masse** is the nursing lead and **Dr. Tanya Di Genova** is the medical director for this program and the department's Resident Rotation Coordinators will act as liaisons.

### SUCCESSES WE CAN ALL BE PROUD OF

- ▶ PGME Accreditation
  - Two Leading Practice Indicators: 1) H-KAP Fellows Program 2) Combined teaching of non-medical expert CanMeds roles.
- ▶ PEM Rationalization & Recruitments
  - Gen Pediatrics now in a position to recruit with departures
  - Clinician Investigators
- ▶ Departmental Strategic Plan Implementation (Natalie Ross)
  - Uptake of Non-MOH Fellowships in all Divisions funded by Practice Plan/Divisional partnerships (Laurie Plotnick) & MCHF: n=19 (7 Divisions, 11 countries), Neonatology/Critical Care/Cardiology/Emergency Medicine/Heme-Onc/Infectious Diseases/Respirology/Endocrinology, Canada/Brazil/Chile/Colombia/Costa Rica/Israel/Mexico/Spain/Thailand/Turkey/Zambia
  - Establishment of Departmental research supports & opportunities (Patricia Fontela)
  - Division of Community Pediatrics envisioned (Emmett Francoeur)
  - Improved communication & networking plans formulated
- ▶ "Saudi" Crisis
  - Team response
  - Contingency plans for key sectors
  - Intermediate and long term solutions (increasing fellows, Associés, PEM slots, Pediatric Nurse Practitioners, CaRMS + CaRMS2 slots increased)
- ▶ Academic 'back office' (AEC) fully staffed and highly efficient (Cassandra Fusco & team)





## Associate Chair, Clinical Operations

**Mylène Dandavino, MDCM MSc MHPE FRCPC**

Assistant-Professor (Clinical), Pediatrics, McGill University  
 Program Head, Medical Inpatient Services, Montreal Children Hospital  
 Associate-Chair (Clinical Operations), Department of Pediatrics  
 Associate-Member, Institute of Health Sciences Education, Faculty of Medicine, McGill University

**MUHC HAND HYGIENE COMPETITION**  
**APRIL 29-MAY 25**  
 ALL INPATIENT UNITS PARTICIPATING

Who will win?

*Cristal-Net EMR*  
 IS  
**NOT COMING TO MUHC**  
 OACIS TO STAY  
 ...for now...

**0** *Wow!*  
**Nosocomial viral respiratory infection**  
**in last fiscal period (P13)**  
**for the first time in 2 years!**

**New!**

D/C 48H    D/C 24H    D/C TODAY

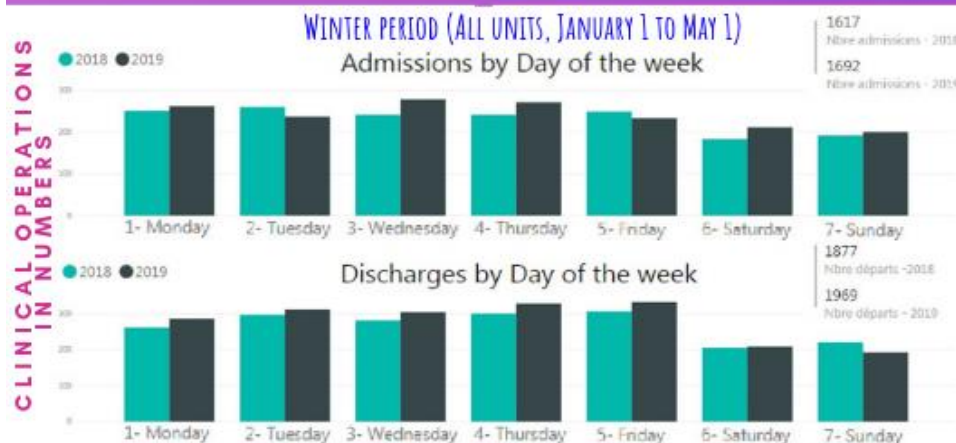
**Clips on B09 charts to indicate timeline of discharge**

ALSO INDICATED ON TABLEAU DE LIT

*Highlights*  
**CLINICAL OPERATIONS**  
 Montreal Children's Hospital  
 Spring 2019

**did you know?**  
 YOU CAN SEND **MESSAGES**  
 THROUGH THE **VSIGN APP**

**REACH ANY OACIS USER INCLUDING TEAMS ON SERVICE**



According to CMQ rules:

**72h**

**MAX DELAY TO COMPLETE DISCHARGE SUMMARIES**

**24h**

**MAX DELAY TO COMPLETE O.R. REPORTS**

ARE YOUR FILES UP TO DATE?