



CCHCSP 19th ANNUAL VIRTUAL SYMPOSIUM 2021

COVID: Championing Our Vision
to Influence Destiny



MONDAY, JUNE 7TH -
THURSDAY, JUNE 10TH, 2021

Canadian Child Health
Clinician Scientist Program

CCHCSP
PCCCSE

Programme canadien de cliniciens-
chercheurs en santé de l'enfant





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WELCOME

Dear Trainees and Colleagues,

It is our sincere pleasure to host the 19th annual Canadian Child Health Clinician Scientist Program (CCHCSP) symposium. It is remarkable that CCHCSP is nearing 20 years in existence! The program was built with a vision to train the future leaders of child health research and it has certainly done that! The founders should be proud. Over 108 individuals received 136 awards, and these individuals are placed in positions of influence all across Canada. Many of them are now leaders in academic institutions, performing cutting edge science and training the next generation of researchers. CCHCSP has achieved its mission, but there is much more work to be done.

Over the last 12 months, CCHCSP created new training paths that will be accessible to more trainees across Canada. We put emphasis on equity, diversity, and inclusion, devoting particular care to remove barriers in accessing the program. All selection and evaluation processes were reviewed and the application process was simplified. The scientist development curriculum is being refreshed, and new content is being added. The CCHCSP leadership team is working with several partners in the child health and perinatal research communities, to bring to life a new, expanded child health training platform as part of the CIHR Health Research Training Platform Pilot grant call. So the work continues. A new generation of leaders will be trained to work in both academic and non-academic sectors, and they will become the change makers of tomorrow.

Over the last year, we and the world endured the challenge of a life-time – the COVID-19 pandemic. Some of us lost a loved one, others experienced the infection first hand, and all of us experienced significant life and work disruption. Through it all, we, as scientists and science trainees, were expected to adapt and continue our work, while balancing family life. Some researchers were able to move into COVID-19 related research, and the past year was a busy year for them. Most other researchers had to pause their work, some had to abandon their work due to insurmountable obstacles, and others were able to continue. All of us took care of our immediate families, worried about elderly loved ones, and became cautious about every social encounter. Trainees worried about the future and wondered how to finish training and to find a job. Many struggled with loneliness. The overwhelming theme of the year was resilience and survival.

Scientists are used to, or, should we say, get used to adversity on a daily basis. Often, things don't go as we planned. Experiments do not bring the expected results. Publications and grants get rejected many times before being accepted. Handling obstacles and rejection and finding new solutions to continue is the daily business of a scientist. How do we keep going every day? How do we keep our research vision alive amidst all these disappointments? How do we progress and remain sane even when faced with all these challenges? This year's symposium addresses these themes. The 19th Annual CCHCSP Symposium is titled: **Championing Our Vision to Influence Destiny**. This title reflects that the first step to succeed in research is your vision. You need a vision for your career and for your research work - it is precious; you have to nurture it, guard it, make it evolve, and stay true to it. In child health research, a vision typically starts with compassion for children and youth who are ill or who have problems that cannot be resolved by current knowledge. Compassion leads to curiosity as to how the suffering could be alleviated or how the problem could be resolved. Curiosity leads to commitment to seek a solution. Those with vision turn ideas into actions, and actions become solutions. So never forget, never give up, and continue to *champion your vision to influence destiny*.

It is our great pleasure to welcome the co-chairs of the scientific program. They are four exceptional clinician scientists who work in the Province of Quebec: Audrée-Jeanne Beaudoin (occupational therapist, researcher and co-centre leader at Université de Sherbrooke), Hélène Decaluwe (pediatric immunologist, researcher and co-center leader at the CHU Sainte-Justine), Geneviève Mailhot (registered Dietitian, researcher and co-center leader at the CHU Sainte-Justine) and Pia Wintermark (neonatologist, researcher and center leader at McGill University). This symposium program is their vision, and is a result of their hard work and planning for 12 months. They have selected inspiring speakers who are involved in shaping the path of clinician-scientists throughout Canada and beyond. The speakers are deeply engaged in promoting equality, diversity, excellence in education and clinical care, and are leaders, who work tirelessly to promote change, while preserving wellness and nurturing life-balance. I thank them all sincerely for their participation.

The Symposium is virtual this year. Please take time to attend as many sessions as possible and feel free to invite others to join, it's free! We encourage you to dedicate the time as you would if you had come to an in-person meeting. Thank you for you being a valued member of the CCHCSP community.

Sincerely,

Susan Samuel, on behalf of the CCHCSP Leadership Team

Audrée-Jeanne Beaudoin, Hélène Decaluwe, Geneviève Mailhot, Pia Wintermark, co-chairs of the 19th Annual Symposium



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BIENVENUE

Chers étudiants et collègues,

Il nous fait grand plaisir d'accueillir au 19^e Congrès annuel du Programme canadien des cliniciens-chercheurs en santé de l'enfant (PCCCSE), un programme qui célébrera l'an prochain ses 20 ans d'existence! Ce programme a été conçu dans le but de former et soutenir les futurs chefs de file œuvrant dans les domaines de recherche axés sur la santé des enfants, et des adolescents. Nous sommes heureux de pouvoir dire que cet objectif a été atteint! Les membres fondateurs du PCCCSE ont toutes les raisons d'être fiers de cet accomplissement. Plus de 108 participants du PCCCSE ont reçu 136 subventions et occupent des postes influents partout au Canada. Bon nombre d'entre eux sont désormais des chefs de file dans leurs institutions académiques, menant des recherches de pointe et participant au développement de la prochaine génération de chercheurs. Le PCCCSE a certes rempli sa mission jusqu'à présent, mais il reste encore beaucoup de travail à accomplir.

Au cours des 12 derniers mois, le PCCCSE a développé de nouvelles trajectoires de formation qui seront accessibles à un plus grand nombre de stagiaires et de chercheurs en début de carrière partout au Canada. L'accent est mis sur l'équité, la diversité et l'inclusion, avec une attention particulière portée à l'abolition des obstacles qui empêchent l'accès au programme. Les processus de sélection et d'évaluation des dossiers des candidats ont été revus et la présentation des demandes de bourses a été simplifiée. Le programme de formation des chercheurs a été actualisé avec l'ajout de nouveaux contenus. Les dirigeants du PCCCSE travaillent en partenariat avec les communautés concernées pour élaborer une nouvelle plateforme de formation en santé infantile et périnatale dans le cadre de la possibilité de financement relative au projet pilote de Plateforme de formation en recherche en santé des Instituts de recherche en santé du Canada (IRSC). Le travail se poursuit donc pour former une nouvelle génération de chefs de file qui deviendront les acteurs du changement de demain dans les secteurs académiques et non académiques.

Au cours de la dernière année, nous, comme le monde entier, avons subi le défi de notre vie; la pandémie de COVID-19. Certains d'entre nous avons perdu un être cher, d'autres ont directement été infectés, et nous avons tous vécu d'importantes perturbations au niveau professionnel et personnel durant cette pandémie. À travers tout cela, en tant que scientifiques, accomplis ou en formation, nous avons dû nous adapter et poursuivre notre travail tout en le conciliant avec notre vie familiale et personnelle. Certains chercheurs ont pu se lancer dans la recherche liée à la COVID-19 et ce fût une année très chargée pour eux. La plupart des autres chercheurs ont dû suspendre leurs travaux, certains ont dû les abandonner en raison d'obstacles insurmontables, et d'autres ont été en mesure de les continuer. Nous avons tous pris soin des membres de notre famille, nous nous sommes inquiétés pour les personnes âgées nous entourant et nous sommes devenues prudents lors de chaque rencontre sociale. Les étudiants et stagiaires se sont inquiétés de leur avenir et se sont demandés comment terminer leur formation et trouver un emploi. Beaucoup ont lutté contre la solitude. Le thème majeur de cette année passée fût la résilience et la survie.

Les chercheurs ont l'habitude, ou, devrions-nous dire, prennent l'habitude de faire face à l'adversité au quotidien. Souvent, les choses ne se passent pas comme prévu. Les expériences n'apportent pas les résultats escomptés. Les publications et les subventions sont rejetées plusieurs fois avant d'être acceptées. Gérer les obstacles et les rejets et trouver de nouvelles solutions pour continuer sont le pain quotidien d'un chercheur. Comment continuer chaque jour? Comment maintenir notre vision de la recherche au milieu de toutes ces déceptions? Comment progresser et rester sains d'esprit même face à tous ces défis? Le symposium de cette année aborde ces thèmes. Le 19^e symposium annuel du PCCCSE s'intitule: Proclamer notre vision pour influencer le destin. Ce titre reflète que la première étape pour réussir en recherche est votre vision. Vous avez besoin d'une vision pour votre carrière et vos travaux de recherche - c'est précieux; il faut y faire attention, la préserver, la faire évoluer et y rester fidèle. Dans le domaine de la recherche pédiatrique, une vision commence généralement par de la compassion pour les enfants et les jeunes qui sont malades ou qui ont des problèmes qui ne peuvent être résolus par les connaissances actuelles. La compassion mène à la curiosité quant à la manière dont la souffrance pourrait être atténuée ou comment le problème pourrait être résolu. La curiosité conduit à l'engagement à rechercher une solution. Ceux qui ont une vision transforment les idées en actions et les actions deviennent des solutions. Alors n'oubliez jamais, n'abandonnez jamais et continuez à *défendre votre vision pour influencer le destin*.

C'est avec grand plaisir que nous accueillons les co-présidentes de notre congrès annuel. Ce sont quatre cliniciennes-chercheuses d'exception du Québec: Audrée Jeanne Beaudoin (ergothérapeute, chercheuse et co-responsable du PCCCSE à l'Université de Sherbrooke), Hélène Decaluwe (immunologiste pédiatrique, chercheuse et co-responsable du PCCCSE au CHU Sainte-Justine), Geneviève Mailhot (diététiste, chercheuse et co-responsable du PCCCSE au CHU Sainte-Justine) et Pia Wintermark (néonatalogiste, chercheuse et responsable du PCCCSE à l'Université McGill). Le programme de ce symposium est le résultat de leur travail et de leur planification au cours des 12 derniers mois. Elles ont sélectionné des conférenciers inspirants qui participent à façonner le chemin des cliniciens-chercheurs partout au Canada et ailleurs. Les conférenciers sont profondément engagés dans la promotion de l'égalité, de la diversité, de l'excellence en éducation et en soins cliniques. Ils sont des leaders de changement qui travaillent sans relâche à préserver la santé mentale des chercheurs et des cliniciens, en favorisant un équilibre de vie épanouissant. Je les remercie toutes et tous sincèrement pour leur participation.

Le Congrès est en mode virtuel cette année. N'hésitez pas à partager l'invitation aux membres de votre réseau car la participation est gratuite et ouverte à tous ! Cette édition en ligne vous permettra d'assister à toutes les conférences et ateliers qui vous intéressent. Merci d'être un membre important de la communauté du PCCCSE.

Susan Samuel, pour l'équipe de direction du PCCCSE

Audrée-Jeanne Beaudoin, Hélène Decaluwe, Geneviève Mailhot, Pia Wintermark, co-présidentes du 19^{ième} congrès annuel du PCCCSE



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WELCOME OUR SYMPOSIUM CO-CHAIRS



Dr. Audrée Jeanne Beaudoin, PhD, is an occupational therapist, a researcher at the Institut universitaire de première ligne en santé et services sociaux du CIUSSS de l'Estrie - CHUS and an adjunct professor at the School of Rehabilitation, Université de Sherbrooke. After completing her training in occupational therapy from Université de Sherbrooke (2012), she received a doctoral award from the CCHCSP (2013-2017). Her PhD. project aimed to assess the effects of a parent-mediated intervention for young children with a suspicion of ASD. Her research interests include 1) organization and development of primary care services to promote accessible care for children and their families and 2) partnership interventions that develop capabilities and empowerment of children and their families (e.g. coaching and family-centered care interventions).



Dr. Geneviève Mailhot, PhD, RD, is a Registered Dietitian, an Associate Professor in the Department of Nutrition, University of Montreal and a research scientist at the CHU Sainte-Justine Research Center, Montreal. She is a former CCHCSP Career Development awardee and currently co-Center Leader for the CHU Sainte-Justine. She conducts basic and clinical research primarily focused on vitamin D and chronic diseases (i.e. cystic fibrosis (CF), asthma, sickle cell disease) along a translational continuum from the study of basic mechanisms to clinical practice and back to basic. Other research interests include nutritional challenges in lung transplant candidates and recipients and cystic fibrosis comorbidities, particularly bone disease and diabetes.



Dr. Hélène Decaluwe, MD, PhD, FRCPC is a Pediatric Immunologist and Associate Professor in the Department of Pediatrics at the University of Montreal, and Clinician Scientist and Deputy Head of the Immune Diseases and Cancer Research Axis at the CHU Sainte-Justine Research Center. She was a former CCHCSP Career Development Awardee and is currently a Centre Leader. The primary focus of her research is to better understand the role of cytokines in the differentiation of T cells in health and disease, and to develop novel immunotherapeutic approaches to cure chronic viral infections and cancer. Her laboratory has established a solid expertise in the field of T cell exhaustion, a differentiation pathway that limits optimal T effector cell functions and precludes memory T-cell development. Dr. Decaluwe has also developed a particular expertise in the immune reconstitution of severe combined immunodeficiency patients treated by stem cell transplantation, with the goal to inform on the best therapeutic approaches to transplant these patients. Since the beginning of the current COVID-19 pandemic, her laboratory has been investigating T-cell immune correlates of protection to SARS-Cov-2, induced by natural infection and vaccination, through research initiatives supported by the Canadian Institutes of Health Research and the Canadian Immunology Task Force.



Dr. Pia Wintermark, MD, is a pediatrician and a neonatologist, with a research interest in neonatal neurology, currently working at the Montreal Children's Hospital, McGill University. Before joining the Montreal Children's Hospital, she worked at the Children's Hospital Boston (Harvard Medical School) in Boston, USA, and at the Lausanne University Hospital (University of Lausanne) in Lausanne, Switzerland. She received her MD from the Medical School of the University of Lausanne, in Switzerland. Dr. Pia Wintermark founded the NeoBrainLab (www.neobrainlab.org) in 2010. The NeoBrainLab seeks to understand the causes and consequences of brain injuries in very sick newborns. The laboratory uses both clinical research (including advanced neuroimaging techniques and bedside monitoring) and basic science techniques to understand mechanisms underlying these brain injuries and develop therapies to prevent or repair these injuries. The goal of the laboratory is to develop innovative solutions to improve the future neurodevelopmental outcome of these newborns.



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CLICK on the agenda items for more
information and to register



MONDAY, JUNE 7TH, 2021

12:00-1:00pm

CCHCSP WELCOME: Dr. Susan Samuel, MD, MSc. University of Calgary, CCHCSP Director

CCHCSP PATIENT SPOTLIGHT: Valerie Lynn Gull, Parent, Cree Nation of Waswanipi

10-Minute Break

1:10-2:10pm

CCHCSP GRADUATE TRAINEE PRESENTATIONS PART 1 OF 2

Dr. Meredith Brockway, BSc, BScN, PhD. University of Manitoba
Summer Haddad, RN, BScN, PhD Candidate. University of Toronto
Facilitators: Dr. Geneviève Mailhot and Dr. Pia Wintermark

10-Minute Break

2:20-3:20pm

KEYNOTE ADDRESS: What makes a great leader? Key skills for maximizing your leadership potential

Dr. Mamta Gautam, MD, MBA, FRCPC. The Ottawa Hospital; Faculty of Medicine, University of Ottawa. PEAK MD Inc.
Facilitators: Dr. Hélène Decaluwe and Dr. Audrée Jeanne Beaudoin



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TUESDAY, JUNE 8TH, 2021

12:00-1:00pm

Team Research Learning Program (TRLP)

Dr. Meranda Nakhla, MD, FRCPC, MSc (Epi)
Facilitators: Dr. Pia Wintermark and Dr. Hélène Decaluwe

What does a competent mentor do?

Dr. Debbie Feldman, BScPT, MSc, PhD.
Université de Montréal Faculty of
Medicine School of Rehabilitation
Facilitators: Dr. Geneviève Mailhot and
Dr. Aurée Jeanne Beaudoin

10-Minute Break

1:10-2:10pm

Child health research: Challenges, solutions, and success

Dr. Anne-Monique Nuyt, MD. Department of Pediatrics, Faculty of Medicine University
of Montreal / CHU Sainte-Justine
Facilitators: Dr. Hélène Decaluwe and Dr. Geneviève Mailhot

10-Minute Break

2:20-3:20pm

Mentorship: Stairway to success in your career!

Dr. Sylvie Lemay, PhD, RN. University of Montreal & CHU St. Justine Research Centre
Facilitators: Dr. Geneviève Mailhot and Dr. Hélène Decaluwe

10-Minute Break

3:30-4:30pm

Knowledge Translation: Methods for moving evidence into clinical practice

Dr. Anita Menon, PhD, OT(c), erg. McGill University
Facilitators: Dr. Pia Wintermark and Dr. Aurée Jeanne Beaudoin



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WEDNESDAY, JUNE 9TH, 2021

12:00-1:00pm

CIHR Review Quality Assurance in Peer Review

Dr. Sammy Nag, PhD. College of Reviewers, Canadian Institutes of Health Research

Facilitators: Dr. Hélène Decaluwe and Dr. Pia Wintermark

10-Minute Break

1:10-2:10pm

3RD YEAR TED TALKS

Dr. Samantha Anthony, MSW, PhD. University of Toronto.

Dr. Jessica Omand, BSc, BAsC, MSc, PhD, RD. The Hospital for Sick Children

Facilitators: Dr. Geneviève Mailhot and Dr. Audrée Jeanne Beaudoin

10-Minute Break

2:20-3:20pm

POSTER SESSION

Three Minute Rapid Fire Abstracts



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THURSDAY, JUNE 10TH, 2021

12:00-1:00pm

Simple Validated Tools to Build Psychological Resilience

Dr. Rachel Thibeault, BSc (OT), MSc (Psychology), PhD (Psychology). University of Ottawa

Facilitators: Dr. Aurée Jeanne Beaudoin and Dr. Hélène Decaluwe

10-Minute Break

1:10-2:10pm

The Journey of a Clinician Scientist

BREAKOUT ROOMS:

MEDICINE: Dr. Melanie Henderson, BSc, MD, MSc, PhD. CHU Sainte-Justine & Université de Montréal. **Facilitator:** Dr. Hélène Decaluwe

BASIC SCIENCE: Dr. Todd Alexander, BSc, MD, PhD, FRCP. The University of Alberta
Megan Beggs, BSc, RD, MSc, PhD Candidate. University of Alberta, Alberta Health Services. **Facilitator:** Dr. Geneviève Mailhot

REHAB: Dr. Marie Brossard-Racine, OT, PhD. Assistant Professor, Physical and Occupational Therapy, McGill University. **Facilitator:** Dr. Aurée Jeanne Beaudoin

NURSING: Dr. Kimberley Widger, RN, PhD, CHPCN(C). Lawrence S. Bloomberg, Faculty of Nursing, University of Toronto, Hospital for Sick Children, ICES. **Facilitator:** Dr. Pia Wintermark

10-Minute Break

2:20-3:20pm

CCHCSP GRADUATE TRAINEE PRESENTATIONS PART 2 OF 2

Dr. Elizabeth Keys, BSc, BN, PhD. School of Nursing, Faculty of Health and Social Development, The University of British Columbia – Okanagan Campus

Dr. Shannon MacDonald, RN, PhD. University of Alberta

Dr. Manish Sadarangani, MD, BM, BCh, DPhil. University of British Columbia, BC Children's Hospital Research Institute

Facilitators: Dr. Geneviève Mailhot and Dr. Pia Wintermark

10-Minute Break

3:30-4:30pm

PLENARY LECTURER: Creating Networks Through Leadership – How You Can Make It Happen; How You Can Make It Matter; How You Can Do It Now

Fred and Vicki Modell, Co-Founders, The Jeffrey Modell Foundation.

Facilitators: Linda Pires and Dr. Hélène Decaluwe



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Mon June 7th, 2021

12:00-1:00pm EST



CCHCSP Opening Session

CCHCSP Welcome

Dr. Susan Samuel is a pediatric nephrologist at the Alberta Children's Hospital. She is a Professor in the Departments of Pediatrics and Community Health Sciences at the University of Calgary, and a member of the Alberta Children's Hospital Research Institute and O'Brien Institute of Public Health. Her research goal is to improve care and outcomes of children with chronic disease, in particular those with kidney disease and kidney failure. She is passionate about mentoring and guiding clinicians towards academic and scientific careers. She is committed to improving evidence base and research capacity in child health.

Our Story – Finding a home away from home in the healthcare system

Valerie-Lynn Gull is from the Cree Nation of Waswanipi, a small Cree community situated northern Quebec. Today, she will be sharing her experience as the mother of a child with a genetic disorder and regarding some life experiences. She will also share some solutions on ways to improve current barriers that exist.

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Mon, June 7th, 2021
1:10-2:10pm EST



CCHCSP Graduate Trainee Presentations Part 1 of 2

Developing the International Perinatal Outcomes in the COVID-19 Pandemic (iPOP) Consortium: Embracing research opportunities in a new reality

Dr. Merilee (Meredith) Brockway is PhD prepared registered nurse with expertise in maternal-child health, infant feeding, and patient engagement. She completed her PhD in nursing at the University of Calgary, examining maternal breastfeeding self-efficacy and infant feeding outcomes in moderate and late preterm infants. Merilee is currently a post-doctoral researcher at the University of Manitoba in Dr. Meghan Azad's lab, exploring clinical applications of donor human milk for very preterm infants. Merilee is a co-lead on the iPOP study, building on her expertise in patient and community engagement to ensure inclusiveness and meaningful exploration throughout the collaboration.

Sleep and Factors Affecting Sleep for Parents of Preterm Infants Compared to Parents of Healthy Term Infants: The After-Baby Comparison (ABC) Parent Sleep Study

Summer Haddad is a registered nurse and doctoral student at the Faculty of Nursing, University of Toronto and The Hospital for Sick Children (SickKids). Summer obtained her BScN at McMaster University and began her nursing career in the Neonatal Intensive Care Unit (NICU). Her doctoral work supervised by Dr. Robyn Stremmer and committee members Dr. Prakesh Shah and Dr. Cindy-Lee Dennis, will examine sleep and correlates of sleep (depression, anxiety, nighttime behaviours) for parents of preterm infants during NICU hospitalization and following discharge. A cohort of parents of healthy-term infants will provide comparison to preterm family data. This is the first study to assess sleep for parents of preterm infants in Canada. The study has received grant funding from Sigma Theta Tau International; Registered Nurses' Association of Ontario; and the University of Toronto. Summer's graduate education has been supported by the Clinician Scientist Training Program at the Hospital for Sick Children.

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What makes a great leader?

Key skills for maximizing your leadership potential



Objectives:

1. Describe complexity in healthcare
2. Distinguish between leading change and transition
3. Name the three capabilities of a leader
4. Apply the 5 C's Resilience Framework to maintain wellness as a leader

Mon June 7th, 2021

2:20-3:20 EST

Dr. Mamta Gautam, MD, MBA, FRCPC, CPDC, CCPE, CPE is an internationally renowned psychiatrist, consultant, certified coach, author and speaker. Focused on Physician Health and Well-being since 1990, she is a pioneer in this field and is known as the "The Doctor's Doctor". In the past 2 decades, she has expanded her work to include Physician Leadership Development to better address system-level factors that impact physician wellness. She has created podcasts and videos on these topics, and authored articles, book chapters, and 2 international best-selling books. She brings this knowledge and expertise to PEAK MD, through which she delivers keynote presentations and workshops, consults to healthcare organizations and coaches senior physician leaders internationally. She is the recipient of numerous prestigious awards for her innovative work to support her physician colleagues, and for her mentoring of women colleagues, and has been awarded Distinguished Fellowships in both the Canadian and American Psychiatric Associations.

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Team Research Learning Program (TRLP)



Objectives:

1. Review key concepts related to developing and sustaining multidisciplinary and multisite research teams
2. Through self-reflection and sharing of personal team research scenarios, determine and elaborate key strategies for:
 - i. Identifying investigators from other disciplines and other sites relevant to your research
 - ii. Identifying how to create a budget to sustain a multidisciplinary and multisite research team
 - iii. How to resolve conflicts of interest related to multidisciplinary and multisite research team

Tue June 8th, 2021

12:00-1:00pm EST

Dr. Meranda Nakhla is a Pediatric Endocrinologist, McGill University Associate Professor and Fonds de recherche du Québec – Santé (FRQS) Clinician Scientist at the Montreal Children's Hospital, McGill University Health Centre. Her research focuses on healthcare access and use in children and adolescents with type 1 diabetes. The results of her studies aim to identify the healthcare needs of children and youth with diabetes and ultimately help to inform how best to deliver diabetes care, including transition care for emerging adults. She is the recipient of FRQS Chercheur-Boursier Clinicien junior awards and operating grants from FRQS, Diabetes Canada and Canadian Institutes of Health Research (CIHR).

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What does a competent mentor do?

Objectives:

1. To describe the role of a mentor
2. To illustrate personal examples regarding mentorship
3. To discuss ways to provide effective mentorship



Tue June 8th, 2021

12:00-1:00pm EST

Dr. Debbie Feldman is Professor, School of Rehabilitation with a secondary affiliation at the School of Public Health at Université de Montréal. She holds a BSc in physical therapy, MSc and PhD in epidemiology from McGill University. She was awarded numerous scholarships during her training as well as career awards from CIHR, the Arthritis Society of Canada, Canadian Arthritis Network, and FRQS. Dr. Feldman began her career as a pediatric physical therapist working at the Montreal Children's Hospital. Returning to graduate school, her main areas of interest were in pediatric rheumatology and orthopedics, however, she subsequently developed interests in health services, organization of care and access to care. She has over 175 peer-reviewed manuscripts, 230 peer-reviewed abstracts and has held numerous grants. Dr. Feldman teaches physical therapy students and has also mentored >65 graduate students and trainees, many who have gone onto faculty positions at various universities.

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Child health research: Challenges, solutions and success: my perspective and insights

Objectives:

1. Understand that there is no magical recipe to success
2. Identify personal objectives and limits
3. Integrate that team-work brings research further
4. Recognize what makes team-work a success



Tue June 8th, 2021

1:10-2:10pm EST

Dr. Anne Monique Nuyt is neonatologist and senior clinician-scientist at CHU Sainte-Justine, Montréal. Dr Nuyt's research team studies risk of cardiovascular diseases in children and adults who were born preterm. Her translational research program spans from experimental animal work, to clinical as well as epidemiological studies. She leads the HAPI (Health of Adults born Preterm Investigation) cohort study with Dr Thuy Mai Luu, and launched the Quebec Research Network in Perinatal Determinants of Children Health with Dr Sylvana Côté. She holds the Cercle de Sainte-Justine DOHaD Research Chair. She is currently Professor of Pediatrics and Chair/Chief of the Department of Pediatrics at CHU Sainte-Justine/Faculty of Medicine Université de Montréal. She is chair of the advisory board to the CIHR Institute for Human Development, Child and Youth Health. Her research is also funded by CIHR and Heart and Stroke Foundation of Canada. Dr Nuyt was awarded a number of prizes for her work, is actively involved in scientific societies in perinatal as well as adult cardiovascular research, and in mentoring both clinicians and scientists.

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Mentorship: Stairway to success in your career!

Objectives

1. To describe the elements of effective mentee-mentor's relationships
2. To emphasize the importance of being mentored in the success of a future career as a young investigator



Tue June 8th, 2021

2:20-3:20pm EST

Dr. Sylvie Le May is an active researcher at both CHU Ste-Justine's Pediatric Research Centre and TransMedTech Institute in Montreal. She is also a Full professor at the University of Montreal. Her main research interests are related to procedural pain management in children, using innovative technologies, particularly in the emergency department, burns and orthopedic care units. In 2017, she received a Mentorship award from the Centre for Pediatric Pain (IWK, Dalhousie, NS) for the quality of her mentorship to graduate students working in pediatric pain. Also, in 2019, the University of Montreal granted her an award for excellence in supervision of graduate students. To date, she has supervised close to 40 graduate students who have moved on to successful careers. Her research profile is productive for her field with more than 100 articles published and over 200 presentations at national and international meetings.

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Knowledge Translation: Methods for moving evidence into clinical practice

Objectives:

1. Define and distinguish between terms commonly used in the area of knowledge translation (KT)
2. Understand where their research is situated in the knowledge creation-application continuum
3. Understand and apply the Knowledge-to-Action Model for designing an effective KT intervention plan that close the evidence to practice gap specific to child health
4. Understand and apply methods for critically appraising and synthesizing research evidence, as well as identify how this evidence can be "re-packaged" for its intended target audience
5. Describe barriers and facilitators related to uptake of best practices
6. Differentiate clinician and organizational characteristics that impact on KT interventions
7. Apply the current evidence regarding effective and non-effective KT interventions for developing an effective KT intervention plan



Tue June 8th, 2021

3:30-4:30pm EST

Dr. Anita Menon is an Assistant Professor at the School of Physical and Occupational Therapy, Faculty of Medicine and Health Sciences, McGill University. She completed her PhD degree in Health Administration, with a specific focus on knowledge translation (KT), at the Department of Health Policy, Management and Evaluation, University of Toronto. Dr. Menon has 10 years of teaching and research experience related to assessment and treatment of unilateral spatial neglect, stroke rehabilitation, KT and evidence-based practice. She is also Chair of the Edith Strauss Rehabilitation Research Projects, which aims at enhancing clinical and academic partnerships through KT initiatives, such as funding opportunities and educational events for capacity building in KT.

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CIHR Review Quality Assurance in Peer Review

Objectives:

1. To learn about the Review Quality Assurance process at CIHR
2. To help reviewers recognize high and low quality reviews
3. To practice how to apply a Review Quality check on your reviews



Wed, June 9th, 2021

12:00-1:00pm EST

Dr. Sammy Nag has delivered health research funding competitions at CIHR for over 10 years. He has managed and run a variety of awards and grants competitions, and has a wealth of experience in developing and leading peer review processes. Since 2016, Dr. Nag has helped to define and implement various strategies that helped develop the College of Reviewers and has recently focused on establishing Reviewer Quality Assurance processes to support reviewers in delivering excellence in peer review.

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Wed June 9th, 2021
1:10-2:10pm EST



3rd Year TED Talks

Capturing the Patient's Voice

Dr. Samantha J. Anthony is a Health Clinician Scientist in the Child Health Evaluative Sciences Program of the Research Institute at the Hospital for Sick Children. She has over 20 years of experience in the SickKids Transplant and Regenerative Medicine Centre as a Social Worker and is an Assistant Professor in the Factor-Inwentash Faculty of Social Work at the University of Toronto. Dr. Anthony has been recognized for her dedication to clinical practice and the application of research for improved patient outcomes. Her program of research centres on establishing an evidence-based foundation for successful psychosocial adaptation and enhanced quality of life for individuals with chronic disease, with a specific focus on pediatric solid-organ transplantation. Dr. Anthony has received national academic scholarships and has obtained competitive grants and research awards, including funding from Health Canada, CIHR, Canadian Child Health Clinician Scientist Program, Enduring Hearts, and the Kidney Foundation of Canada.

Nutrition in Early Childhood and School Outcomes

Dr. Jessica Omand is a registered dietitian postdoctoral fellow in the Department of Child Health Evaluative Sciences at the Hospital for Sick Children under the mentorship of Dr. Catherine Birken and Dr. Magdalena Janus. Her program of research is focused on primary prevention of childhood diseases in Canada through nutritional interventions focussed on early life. Following her clinical training at St. Michael's hospital Jessica completed her MSc and PhD in the Department of Nutritional Sciences at the University of Toronto with funding support from CIHR (MSc and doctoral awards) through Li Ka Shing Knowledge Institute and Clinician Scientist Training Program funding through the Research Training Centre at the Hospital for Sick Children. The specific aims of her CCHCSP funded postdoctoral fellowship are to determine if nutritional risk in early life is associated with a child's readiness to start school.

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Poster Session: Rapid Fire Abstracts



Objectives:

1. Gain experience in presenting research in a clear and concise manner
2. Develop confidence and poise while delivering talks and in public speaking
3. Disseminate research findings and engage in networking opportunities

Wed, June 9th, 2021

2:20-3:20pm EST

If you would like to participate as an observer or submit a poster please register here by clicking on the link below.

Instructions for poster presentations:

Each poster will be presented as a 5-minute rapid fire abstract. You will be allotted 3 minutes to speak with 3 slides maximum, and 2 minutes for questions.

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Simple validated tools to build psychological resilience

Objectives:

1. Highlight how our definition of resilience shapes our emotions and behaviours when faced with hardship
2. Identify key physical and cognitive strategies for optimizing resilience in times



Thu June 10th, 2021

12:00-1:00pm EST

Dr. Rachel Thibeault is an occupational therapist who also holds a Ph.D. in psychology. She specializes in psychological resilience, peer support and Community-Based Rehabilitation in vulnerable populations. For the past 40 years, as a clinician or as part of her teaching and research career at the Faculty of Health Sciences at the University of Ottawa, Rachel has worked worldwide for and with vulnerable populations. Now a consultant on resilience and psychological wellbeing, she provides training in a broad range of settings, from medical agencies and governmental organizations to student bodies and cancer groups, to name a few. Since the onset of the COVID crisis, she's been called upon by the Health Services of the City of Laval, the Quebec Federation of Family Physicians and the Quebec Physicians' Health Assistance Program to assist in setting up peer support/psychological resilience programs for the health staff facing the pandemic.

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The Journey of a Clinical Scientist

OBJECTIVES:

1. Recognize diverse options for building a clinician-scientist career, combining research and clinical work
2. Present career paths from different clinical disciplines and learn from experience of others
3. Be exposed to strategies used to help make decisions about research-clinical practice and advocating for these positions
4. Discuss the role of career stage in the balance of research and clinical practice

MEDICINE



Dr. Mélanie Henderson is a Pediatric Endocrinologist and researcher at CHU Sainte-Justine and Clinical Associate Professor in the Department of Pediatrics at the Université de Montréal. Her research focuses on pediatric cardiometabolic health and its epidemiology. She is particularly interested in the influence of lifestyle habits (physical activity, sedentary behavior, diet and sleep) on metabolic health in various population, including healthy children and those living with Type 1 and Type 2 Diabetes, in order to identify the best preventive strategies. She is co-director of the "Centre CIRCUIT", that proposes novel strategies for the treatment or prevention of cardiovascular disease risk in children. She is also adjunct director of the "Cardiovascular and Metabolic Health" research axis at the CHU Sainte-Justine. Dr Henderson has received several awards, including the CEP from the CCHCSP, and the «Young Investigator Award» from the CSEM (Canadian Society for Endocrinology and Metabolism).

BASIC SCIENCE



Dr. Todd Alexander is a pediatric nephrologist at the Stollery Children's Hospital, the Canada Research Chair in Renal Epithelial Transport Physiology, KRESCENT Program Director and Professor of Pediatrics at the University of Alberta. The focus of Dr. Alexander's research is primary transport mechanisms by which the renal tubule regulates the body's electrolyte and acid/base balance. In particular, he seeks to understand the molecular mechanisms responsible for altered tubular divalent cation reabsorption and their effects on calcium homeostasis and how they cause kidney stones in children.



Megan Beggs is a Registered Dietitian and a PhD Candidate in the Department of Physiology at the University of Alberta. The primary aim of her PhD research has been to delineate pathways of calcium (re) absorption across intestinal and renal epithelia during postnatal development. Megan received a BSc from the University of Alberta and did her Master's work and dietetics training at McGill University. Megan was a CCHCSP trainee with the Career Enhancement Program from 2017 to 2020.

REHAB



Dr. Marie Brossard-Racine OT, PhD is an Assistant Professor at McGill University's School of Physical and Occupational Therapy, an Associate Member of the division of Neonatologist at MCH - MUHC and a Scientist at the MUHC Research Institute. She holds a Canada Research Chair in Brain and Child Development and her research program aims to understand the underlying mechanisms of function and dysfunction in children with neurodevelopmental disorders. Her research approach combines advanced quantitative Magnetic Resonance Imaging (MRI) techniques with clinically relevant standardized evaluations to promote early detection of non-optimal brain and/or functional development in at-risk pediatric populations.

NURSING



Dr. Kimberley Widger is an Associate Professor at the Lawrence S. Bloomberg Faculty of Nursing, University of Toronto and holds a Tier 2 Canada Research Chair in Pediatric Palliative Care. She is a Project Investigator at SickKids and Adjunct Scientist at ICES. Her vision is that every family of a child diagnosed with a life-threatening illness receives optimal palliative care throughout the illness regardless of where they receive care and the illness outcome. To achieve this vision, the overarching goal of her program of research is to examine and enhance the structures, processes, and outcomes of palliative care provided to children living with life-threatening illnesses and their families. Kimberley was supported by CIHR Fellowships and CCHCSP Career Enhancement Awards for both her doctoral and post-doctoral work. As a new investigator she received a Career Development Award from CCHCSP and the CIHR Strategy for Patient Oriented Research.



CCHCSP Graduate Trainee Presentations Part 2 of 2

Development of a user-centred and evidence-based novel eHealth sleep program for infant sleep problems



Dr. Elizabeth Keys is an Assistant Professor in the School of Nursing, Faculty of Health and Social Development at The University of British Columbia Okanagan. She is a registered nurse with a clinical background in community and public health nursing focused on promoting child and family wellbeing in the community. The goal of her program of research is to promote and maintain infant and parental mental health by supporting parent-child interactions and sleep health. In her research, Keys examines how innovative approaches and models of care, such as eHealth and precision health, can be leveraged to contribute to sustainable health services transformation that results in real-world improvements in the lives of families. Keys' research is grounded in the value that genuine community and stakeholder engagement is essential to creating meaningful changes. Keys uses mixed and multiple methodologies for her research, which is strengthened by her interdisciplinary and team-based approach.

Making the healthy choice the easy choice: A program of research to improve uptake of childhood vaccines through system-level strategies



Dr. Shannon MacDonald is a pediatric nurse who made the leap from ICU to public health in order to play a more proactive role in the protection of child health. Her research focuses on supporting immunization best practice and policies, and promoting informed decision-making by parents. She is particularly interested in addressing system level barriers to vaccine uptake for vulnerable populations. Her graduate training was in nursing, public health, and epidemiology. She is currently an Assistant Professor in the University of Alberta Faculty of Nursing, with Adjunct positions in the University of Alberta School of Public Health and the University of Calgary Department of Pediatrics. Her research is funded by CIHR, the Public Health Agency of Canada, and the Alberta Ministry of Health, and she is a member of the management committee of the Canadian Immunization Research Network. Her research collaborations with clinicians and policy-makers feed her passion for answering real world clinical practice and policy questions that impact child health.

The good, the bad and the ugly of pediatric vaccines



Dr. Manish Sadarangani is Director of the Vaccine Evaluation Center at the BC Children's Hospital Research Institute and an Associate Professor in the Division of Infectious Diseases, UBC Department of Pediatrics. He completed his undergraduate medical training and pediatric residency in Cambridge, Oxford and London in the UK. He then completed his DPhil with the Oxford Vaccine Group in the UK, developing novel vaccine candidates for protection against group B meningococcal disease, and a Fellowship in Pediatric Infectious Diseases in Vancouver in 2013 before returning to Oxford to work as a Pediatric Infectious Diseases physician. He has worked in pediatrics worldwide, including in sub-Saharan Africa, Asia, Australia, North America and Europe. His research links clinical trials with basic microbiology, immunology and epidemiology to address clinically relevant problems related to immunization and vaccine-preventable diseases. Specific research interests include bacterial vaccines, understanding vaccine-induced immunity, maternal immunization, antibiotic resistance and CNS infections.





Creating Networks Through Leadership – How You Can Make It Happen; How You Can Make It Matter; How You Can Do It Now

Objectives: Participants will

1. Become familiar with the elements and traits needed to create international collaborations
2. Learn how to develop collaborative alliances and involve stakeholders to promote change
3. Be able to translate this lived experience and apply it to their own scope of research

**Thu June 10th, 2021
3:30-4:30pm EST**



Vicki and Fred Modell established the Jeffrey Modell Foundation in 1987, in memory of their son, Jeffrey, who died at the age of fifteen from complications of Primary Immunodeficiency – a genetic condition that is chronic, serious, and often fatal. JMF is a global patient organization devoted to early and precise diagnosis, meaningful treatments, and ultimately, cures - through clinical and basic research, physician education, public awareness, advocacy, patient support, newborn screening, and genetic sequencing. The Jeffrey Modell Centers Network includes 900 expert physicians at 386 research, diagnostic, and referral centers in 307 cities, 86 countries, spanning 6 continents and always growing. The Foundation is dedicated to its mission of hope, advocacy, and action by vigorously supporting physicians, researchers, young investigators, and the ever-expanding global patient community.

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COVID: Championing Our Vision to Influence Destiny