

Consortium Member Bios

BC Children's Hospital Research Institute (BCCHR)

Quynh Doan, MDCM, PhD, MHSc, is an Associate Professor of Pediatric Emergency Medicine at UBC and Director of Clinical Research at the BC Children's Hospital Research Institute. Dr. Doan completed her medical training at McGill University, followed by a residency in Pediatrics and a fellowship in Emergency Medicine at the University of British Columbia. Her PhD studies in Pediatric Emergency Health Services Research were supported through the CCHCSP. Dr. Doan's current main area of research is focused on the assessment and provision of care to children and youth with emergency mental health presentations.

Jennifer Claydon, MSc, is the Manager of the Clinical Research Support Unit (CRSU) at the BC Children's Hospital Research Institute. CRSU provides support to more than 350 Investigators and more than 1,000 active research projects involving patients and their families at the BC Children's Hospital. Jennifer works with research groups and key stakeholders across the campus to support and facilitate clinical research in the Hospital.

Alberta Children's Hospital Research Institute (ACHRI)

Michael Esser

Ashton Chugh is a Research Support Specialist in a Department of Pediatrics. His role as such is part of a Department-based initiative to build research capacity and support child health research activities. In his role, he advises Faculty members and their teams including trainees on how to conduct research at the Alberta Children's Hospital. He helps faculty members by identifying funding opportunities, supporting them in navigating application processes, contracts, ethics submissions, operational approvals, data collection/management, reporting and other research management processes.

Women and Children's Health Research Institute (WCHRI)

Sandra Davidge, PhD, FCAHS is a professor in the departments of Obstetrics & Gynecology and Physiology at the University of Alberta. In 2012, Dr. Davidge was appointed Executive Director of the Women and Children's Health Research Institute (WCHRI). WCHRI was founded in 2006 as a partnership with the University of Alberta, Alberta Health Services, the Stollery Children's Hospital Foundation and the Royal Alexandra Hospital Foundation with a shared vision "To harness the power of research innovation for a healthy future for children and women". WCHRI's membership is made up of over 400 leading researchers, clinician-scientists, academics, health-care professionals and service providers from academic and community settings who are focused on improving health outcomes from women and children.

As a leader in perinatal research, Dr. Davidge holds the Tier 1 Canada Research Chair in Maternal and Perinatal Cardiovascular Health and is a Fellow in the Canadian Academy of Health Science. She is the current President (2017/2018) for the international Society for Reproductive Investigation. Dr. Davidge serves on many national and international grant panels and is on the editorial board for the American Journal of Physiology. Dr. Davidge is a founding Council Member for Canadian Developmental Origins of Health and Disease (DOHaD) Society, an Advisory Board Member for the Preeclampsia Foundation of Canada and Board Director for PolicyWise for Children and Families. Dr. Davidge's research program encompasses studying cardiovascular function as it relates to 1) complications in pregnancy (preeclampsia and maternal aging) and 2) developmental origins of adult cardiovascular diseases. The Davidge laboratory combines their expertise in pregnancy research and aging to understand long-term consequences of an adverse pregnancy on cardiovascular health of the offspring as they age. Dr. Davidge has published over 210 original peer-reviewed manuscripts and 26 review articles in these areas and is currently funded by a Foundation Grant from Canadian Institutes for Health Research.

Dory Sample is the Clinical Research Director at WCHRI. In this role, Dory provides oversight, leadership and management of clinical research that is supported by WCHRI. Dory oversees the operations of the WCHRI clinical research coordination team (child health and women's health), supports all aspects of study initiation (assessing study feasibility, site evaluation visits, negotiating sponsor budgets, coordinating agreements and approvals), and works closely with our health system partners to ensure research is integrated at the point of care. As part of the WCHRI executive team, Dory is also responsible for strategic initiatives aimed at enhancing the capacity of their investigators to conduct clinical research - including developing and promoting educational activities for clinical researchers and their key staff, acting as a resource for women and children's clinical researchers, and developing a set of core competencies for clinical research coordinators at the site.

Tanya Voth is the Program Director at WCHRI. In this role, Tanya is responsible for the Institute's strategic planning, research impact assessment, and business process development. She provides oversight for many of our internal funding programs - including recruitment, matched/partnered funding, and capacity building initiatives. She provides senior leadership to the Institute's research platforms, including our Data Coordinating Centre. As part of the executive team, Tanya is also responsible for developing collaborative and interdisciplinary programs within the Institute and fostering strategic alliances with partner organizations.

University of Saskatchewan

Dr. Darryl J. Adamko completed medical school (1989-1993) and then specialty training in Pediatrics at the University of Saskatchewan, Canada (1989-1997). He went on to become a Pediatric Pulmonary specialist with a strong bench research background after training in a Pediatric Pulmonary Fellowship at The Johns Hopkins University in Baltimore, Maryland (1997-2001). He was an Associate Professor of Pediatric Pulmonary Medicine at the University of Alberta from 2001-11. He moved back to Saskatoon at the University of Saskatchewan in 2011 in a similar position that is focused on clinical, teaching and research in aspects of pediatric pulmonary diseases. Dr Adamko teaches undergraduate courses in the College of Medicine, Residents in clinical settings and students in his lab. He was promoted to full Professor in 2015.

Dr. Adamko's research focuses primarily on asthma. He has studied the mechanisms of virus-induced asthma attacks and those underlying the development of asthma from infancy, using *in vitro* and *in vivo* models in humans and animals. In recent years, he has been developing a novel urine-based diagnostic to detect and monitor asthma using mass spectrometry. Based on this research, he is first author on a patent and Director of the company Respirlyte, Inc.

Tova Dybvig is the Research Facilitator for the Department of Pediatrics at the University of Saskatchewan. In her role, she supports faculty with their research activities including grant applications, editing, ethics applications, and several other research-related administrative tasks. She has a Masters of Science in Vaccinology and Immunotherapeutics from the University of Saskatchewan. Tova's past work experience includes research administration and health promotion roles with Heart and Stroke and Diabetes Canada as well as research coordinator experience from the University of Calgary.

Children's Hospital Research Institute of Manitoba (CHRIM)

Lauren E Kelly, PhD, CCRP is a Pharmacologist, Certified Clinical Research Professional and the Clinical Trials Director at the Children's Hospital Research Institute of Manitoba (CHRIM). She is an Assistant Professor in the Departments of Pediatrics and Pharmacology leading a research team focused on paediatric drug safety and effectiveness including innovative clinical trial methods. She holds a CIHR-New Investigator Award (2020-2023), is a systematic reviewer with the Cochrane Neonatal review group and the Scientific Director of the Canadian Childhood Cannabinoid Clinical Trials (C4T) platform. Dr. Kelly's Clinical Pharmacology Lab at the University of Manitoba studies cannabis product use for medical purposes in children, opioid exposures in pregnancy and the safety of medications used during lactation.

Brandy Wicklow is a pediatric endocrinologist at the Winnipeg Children's Hospital, associate professor at the University of Manitoba, and clinician scientist at the Children's Hospital Research Institute of Manitoba (CHRIM). Her research is focused on the determinants of type 2 diabetes (T2D) in children, with a particular interest in the Indigenous population of Northern Manitoba, Canada with whom she works closely in clinical care and research. She is the principle investigator of a birth cohort of children born to mothers and fathers diagnosed with childhood T2D (The Next Generation Cohort) examining the effects of in utero T2D exposure on growth, development, and the natural history of T2D in offspring. She is a co-principle investigator of the iCARE (Improving Renal Complications in Adolescents with Type 2 Diabetes through Research) cohort study with Dr Allison Dart; a cohort study which aims to determine modifiable risk factors in the natural history of type 2 diabetes related renal disease. She is the co-lead of the Indigenous community partnership committees (Diabetes Research in Manitoba Community advisory committee) and the Data Access Committee (to ensure research with community partners occurs within the context of OCAP principles).

Lise Bourrier is the program manager for the Research support unit at CHRIM (Children's Hospital Research institute of Manitoba). She oversees the daily operations of the research support unit including training, oversight and management of the clinical research team. She provides support such as feasibility review & budget development to researchers who are initiating studies. She also connects regularly with the hospital research impact group to ensure they maintain an efficient streamlined process for review & approvals of projects impacting the clinical setting.

Children's Health Research Institute

Michael Rieder obtained his MD at the University of Saskatchewan in 1980 and his Ph.D. at the University of Toronto in 1992. His paediatric resident training was at the Children's Hospital of Michigan and he completed fellowships in Paediatric Clinical Pharmacology and Paediatric Emergency Medicine at the Hospital for Sick Children in Toronto. He holds the CIHR-GSK Chair in Paediatric Clinical Pharmacology, the only endowed Chair in Paediatric Clinical Pharmacology in Canada.

Dr. Rieder is a Professor with the Department of Paediatrics, Physiology and Pharmacology and Medicine at Western University and a Scientist at the Robarts Research Institute. He is the Past President of the Canadian Society of Pharmacology and Therapeutics and is a member of the Drug Therapy Committee of the Canadian Paediatric Society and has served as a consultant to Health Canada, the NIH, the MRC and the Canadian College of Academies. Dr. Rieder's research focuses on drug safety, adverse drug reaction, optimal therapeutics in children and steroid biology with a special emphasis on corticosteroids and stress. This includes studying genetic variations and their impact on drug efficacy and safety and mechanistic studies of drug hypersensitivity as well as studies of acute, chronic and long-term stress. He has been the recipient of many awards including the Academic Leadership Award in Clinical Investigation from the Paediatric Chairs of Canada as well as Sumner Yaffe Lifetime Achievement Award for Pediatric Pharmacotherapy and is a Fellow of the Canadian Academy of Health Sciences.

CHEO Research Institute

Jason Berman, MD, FRCPC, FAAP is the CEO/Scientific Director and Vice President of Research at CHEO Research Institute and Professor in the Department of Pediatrics at the University of Ottawa. Previously, Dr. Berman served as Associate Chair, Research, Department of Pediatrics, and Professor of Pediatrics, Microbiology & Immunology and Pathology at Dalhousie University and interim Vice President Research, Innovation and Knowledge Translation for the IWK Health Centre in Halifax, Nova Scotia. He has overseen the pediatric leukemia program for the Maritimes since 2005 and chairs an international clinical trial for children with Down syndrome and myeloid leukemia. He is internationally recognized for pioneering research using zebrafish to study childhood cancers and rare inherited diseases. His laboratory has served as the Atlantic node of the Centre for Drug Research and Development and a national hub for zebrafish modeling of orphan diseases. He has been co-chair of the C17 Childhood Cancer Network Developmental Therapeutics Committee and Director of the Clinician Investigator Program and Medical Research Graduate Program at Dalhousie. He is president of the Canadian Society for Clinical Investigation, vice president of the Canadian Hematology Society and a founding member of the Canadian Rare Disease Models and Mechanisms Network.

Jennilea Courtney

Jennilea Courtney is Director of Research Operations at the Children's Hospital of Eastern Ontario Research Institute (CHEO RI). In this role, she provides senior leadership to the institute's office of grants and awards, quality assurance and regulatory compliance, and patient engagement. Additionally, she oversees research workspace, risk management, research navigation, Start Smart- the institution's new study approval program, and supports the RI's research programmatic

structure and mentorship program. As a member of the Institute's Leadership Team, Jennilea also develops and implements many of the CHEO RI's strategic initiatives.

Queen's University

Jagdeep Walia, MD, FRCPC, FCCMG, received his MBSS in medicine at Guru Nanak Dev University School of Medicine, Amritsar, India. Following postdoctoral research in genetics at University of Toronto, he completed residency in Medical Genetics at University of Manitoba. He joined Queen's University as an Assistant Professor, Medical Genetics, Department of Pediatrics in 2012, and was promoted to Head of Medical Genetics in 2015. His research lab focuses on development of gene therapy for different genetic disorders especially for neurodegenerative conditions. In addition to his clinical work and research program, he is extremely active in knowledge translation and education, aimed at increasing knowledge among clinicians and medical students, and enhancing practice of clinical genetics. He has also organized Genetics Patient and Family Day events, providing learning and support opportunities for individuals and families with genetic conditions. He is an active member of the Ontario Genetics Secretariat Committee, focused on developing a provincial strategy for genetics services and practice in Ontario.

Sick Kids

Julia Upton, MD, MPH, is a Clinical Immunologist and Allergist at the Hospital for Sick Children, an Assistant Professor in Paediatrics at the University of Toronto, and the Medical Director of the Clinical Research Center. She is the Food Allergy and Anaphylaxis Section Head of the CSACI and on the medical advisory board of Food Allergy Canada. She graduated from Queen's University in Life Sciences, UWO Medical school, completed residency at McMaster University, Allergy/Immunology fellowship at University of Toronto, and a Master's in Public Health at the Harvard TH Chan School of Public Health. Her clinical practice focuses on both clinical immunodeficiency and allergy. Her research interests include optimizing the care of immunodeficiencies and exploring the risk factors, severity, prognosis and treatment of food allergies.

Entela Zaffino MHM, CCRP is the Director of Clinical Research Services Transformation at the Hospital for Sick Children (SickKids). Entela has a Master's degree in Health Management from McMaster University along with certifications in project management from the University of Toronto and Clinical Research from Humber College. Prior to her current role, Entela was the Manager of the Oncology Clinical Trials Support Unit (CTSU) at SickKids, where she implemented new processes and innovative approaches to managing oncology clinical trials in an effective and financially sustainable manner, making SickKids' oncology CTSU one of the leaders in the field. Prior to SickKids, Entela worked in other healthcare settings including Cancer Care Ontario and

other government bodies, leading quality improvement, strategic planning and project management work.

Entela is a healthcare leader passionate about improving healthcare systems by effectively leading forward-thinking teams, spearheading innovative initiatives and bringing transformational change.

McMaster University

Dr. Anthony Chan graduated from medical school at the University of Hong Kong in 1987. After an internship and brief training in Nuclear Medicine, he began his pediatric career in 1989 at the University of Hong Kong and, subsequently, at the University of Saskatchewan. Dr Chan completed his clinical training in pediatric haematology and oncology at the Hospital for Sick Children in 1995. Dr Chan joined McMaster University in 1995 as a research fellow and had his first faculty appointment in 1997 and moved to The Hospital for Sick Children from 2000 - 2001. He rejoined McMaster University in July 2001 and has been a full professor in the Department of Pediatrics since 2005.

Dr. Chan's main research interest is in the study of the hemostatic system in the young and hemostatic mechanisms related to pediatric diseases. Currently, Dr. Chan is developing a family of novel serpin-glycosaminoglycan covalent complexes. The study of these compounds will further understanding of the mechanisms of action of glycosaminoglycans (eg. Heparin) with serpins (eg. Antithrombin). These compounds are potentially useful in the treatment and prevention of diseases. Potential uses of these compounds includes coating of biomaterials to render them less thrombogenic and, thus, prevent some thromboembolic diseases. In addition to treatment of thrombosis with these novel anticoagulants, Dr. Chan has co-invented a methodology for monitoring thrombin generation potential in the patient samples. Dr. Chan is very involved with clinical research/clinical trials in pediatric thrombosis and hemophilia, and pediatric stroke.

Lindsay Akrong, BSc, MSc, is the Research Advisor in the Department of Pediatrics, McMaster University. In this role, she supports investigators and their teams throughout the research lifecycle in areas including but not limited to funding applications, research ethics, knowledge translation, and data management as the REDCap site administrator. She is responsible for coordination of all departmental research initiatives and serves as a liaison for child health research spanning both McMaster University and McMaster Children's Hospital.

Bloorview Research Institute

Megan Stewart

Evdokia Anagnostou is the Vice President of Research and Director of the Bloorview Research Institute at Holland Bloorview Kids Rehabilitation Hospital, Canada's largest pediatric rehabilitation hospital. She is also a child neurologist and professor of pediatrics at the University of Toronto. She is a senior clinician scientist and co-leads of the Autism Research Centre (ARC) at Holland Bloorview and University of Toronto. She holds a Canada Research Chair in translational therapeutics in autism spectrum disorder (ASD) and the Dr. Stuart D. Sims Chair in Autism at Holland Bloorview. Dr. Anagnostou has received extensive international funding to understand the underlying biological differences associated with ASD and other neurodevelopmental differences,

translate such understandings into potential novel interventions. She is also has funding in health system innovation, stakeholder engagement, and in understanding the meaning and impact of ASD in marginalized populations. She serves on multiple government committees on improving diagnostic and intervention pathways, and several editorial boards and grant review panels. She has also been recognized for her contributions to training young clinicians and scientists and for her commitment to women in STEM. She currently represents the region of America –North on the INSAR Global Senior Leaders committee.

CHU Ste. Justine

Soren Gantt, MD, PhD, MPH, FRCPC, is a pediatric infectious disease specialist and Director of Clinical Research at CHU Sainte-Justine. He is also a full professor in the Department of Microbiology, Infectious Diseases and Immunology at the Université de Montréal. He received a B.Sc. with honors in Evolutionary Biology from Brown University, followed by an M.D. and a Ph.D. in Immunology from the Medical Science Training Program at New York University School of Medicine, where he worked on malaria vaccine development. Dr. Gantt went on to complete a residency in pediatrics, followed by additional training in infectious diseases, and a master's degree in public health with a concentration in epidemiology at the University of Washington and Seattle Children's Hospital on the transmission and pathogenesis of HIV and herpes viruses. He serves on numerous governmental, non-profit, and private advisory committees, and is a member of the MICYRN Executive. Dr. Gantt's current research focuses on the pathogenesis and prevention of cytomegalovirus infection, including conducting vaccine trials.

Nathalie Bureau, BSN, CCRP is the manager of the Research Nurses Unit at the Research Center of Centre Hospitalier Universitaire Sainte-Justine. After graduating in nursing at University of Montreal, she quickly focused her career in clinical research. For several years, she worked as a clinical research coordinator in several specialized pediatrics studies. She obtained certifications as research professional first by the ACRP and now by the SoCRA. Particularly interested in working on improving clinical research processes, she is very involved in clinical trial budget evaluations, negotiation and financial follow-ups. She is a member of the Faisability Review Board for the research protocols, Research Ethics Board and Clinical Research Operations Committee. She is her site contact for external electronic trainings (including GCPs and Part C division 5 of Health Canada) and involved in SOPs development and implementation.

Université de Sherbrooke | CIUSSS de l'Estrie – CHUS

Dr. Frédéric Dallaire is an associate professor of pediatrics at the Université de Sherbrooke. He is a clinician researcher at the Centre de Recherche du CHUS and practices pediatric cardiology at the Centre intégré universitaire de santé et de services sociaux de l'Estrie – Centre hospitalier universitaire de Sherbrooke (CIUSSS de l'Estrie – CHUS).

Dr. Dallaire is committed to the identification of early markers of adverse events to enhance risk stratification of children born with congenital heart diseases. His main areas of research are: 1) the identification of early risk factors in children with repaired tetralogy of Fallot, 2) the assessment of the performance of prenatal congenital heart disease screening, and 3) the definition of pediatric reference values in echocardiography and cardiopulmonary exercise testing. He is the founder and scientific director of a national research network and biobank in pediatric cardiology.

Geneviève Legault

Centre Hospitalier de l'Université Laval (CHUL)

Bruno Piedboeuf, MD, did his medical school, his pediatric residency and neonatology fellowship at the University of Montreal. After completing an additional three years in Molecular Biology at the University of Rochester, he joined the Pediatric Department of Laval University and the CHU de Québec as a clinician researcher in neonatology in 1993. His major research interest is the biology of the lung development, both at the fundamental and clinical levels, as well as health organization in neonatology. He is also involved in several multi-centre clinical studies with his colleagues in neonatology and obstetrics. From 2003 to 2012, he was the Chair of the Pediatric Department at Laval University and the pediatric chief of the CHU de Québec, and from 2012 to 2017, he was the Executive Vice-dean of the Faculty of Medicine of Laval University. In 2018, he was nominated director of the Reproductive, maternal and child health at the Research Centre of the CHU de Québec - Université Laval, and Director of the University affairs for the Quebec minister of Health and Social Services. He is a member of diverse provincial and national committees. Since 2009, he has been the president of the Table sectorielle mère enfant of the province of Quebec. He is also co-chair of the Canadian Child and Youth Health Coalition, and a member of different boards of direction of perinatal and neonatal research networks.

Nicole Chabot, PhD, completed a doctoral degree in Psychology in 2010 and postdoctoral training in Neuroscience at Western University, London, Ontario in 2013. Since September 2022, she is the Scientific Coordinator of the Reproductive, Maternal and Child Health research axis at the Research Centre of CHU de Québec-Université Laval. Her current role is to support the development of research programs of researchers and clinician-researchers affiliated with the axis. She joined the Research Center with extensive experience in research administration as she previously was the Research Coordinator at the Faculty of Health Sciences-Western University, where she supported researchers whose work contributed to enhance well-being across lifespan. With more than 10 years of experience in research (fundamental and clinical), Nicole has at heart to support inspiring teams to maintain and enrich patient treatments and services and contribute to the development of a healthier population.

McGill University

Patricia Li, MD, MSc, FRCPC, is a general pediatrician at the Montreal Children's Hospital, clinician-scientist at the RI-MUHC, and Assistant Professor in the Department of Pediatrics, Faculty of Medicine at McGill University. Her research focuses on the organization and delivery of health services to children, including primary care and care for common childhood illnesses such as asthma. She conducts studies on the quality of primary care for children in Quebec, focusing on the disparities in outcomes among vulnerable children, including those of different socioeconomic status and those with chronic diseases. She is co-lead of the Montreal site for the TARGet Kids! primary care research network. As epidemiologist for the Rourke Baby Record, she examines the evidence behind practices for routine well-child visits to primary care providers. Her studies aim at working with knowledge users (the decision makers and administrators of health care, as well as practicing clinicians and families) to influence healthcare policy and the delivery of health care to children.

IWK Health Centre

Kathleen Leadon is the Director of Research Operations at the IWK Health Centre in Halifax, Nova Scotia. With a background in banking and small business management, Kathleen started at the IWK in 1991 where she quickly transitioned from Financial Services to the then newly created Office of Research. She has since played a key role in the development and growth of the research enterprise at the IWK, including the establishment of the financial management and data systems, facility development and management of 64,000 square feet of designated space and associated research labs, human resources policy and process, security tracking and through various leadership support opportunities.

As a wife and mother of two beautiful young women, Kathleen and her family have led very active volunteer lives, both with the IWK and in their community. Her work on numerous committees, working groups and programs has earned her recognition through the IWK STARS Awards program with five Team Awards, an IWK Board Award of Leadership as part of the Shared Medical Surveillance Team and her most cherished, IWK Foundation, John Lindsay Sr. Humanitarian Award.

Steven Beyea is the Innovation Strategy Advisor to IWK Health, and a Professor of Diagnostic Radiology, Physics, Biomedical Engineering, and Health Sciences at Dalhousie University. His research focuses on the development, clinical validation and commercial translation of novel technologies for improved diagnostic imaging acquisition and reconstruction/analysis. With 30 years of experience researching MRI technologies in particular, his goal is to create and validate novel methods that are not simply better technology, but that are demonstrably better value to our healthcare system.

Janeway Pediatric Research Unit

Paul Moorehead is the Director of the Janeway Pediatric Research Unit, at Memorial University in St. John's, Newfoundland and Labrador. He holds an MSc in Clinical Epidemiology from Memorial University. He is an investigator with the Children's Oncology Group, a site principal investigator with Precision Oncology For Young people (PROFYLE) and a co-lead of the PROFYLE biomarkers node, and a site PI with the Beat Childhood Cancer consortium. He has also been a site PI with several industry-sponsored clinical trials. He is a past chair of the genetics-genomics research ethics board of the Newfoundland and Labrador Health Research Ethics Authority. His research interests include the care of newborns with bleeding disorders, the use of laboratory testing of hemostasis, the use of biomarkers in pediatric oncology, and pediatric clinical trials.

Bernadette Druken
