Blossom Dharmaraj

**EDUCATION**

Doctor of Medicine, 2023- 2026

Candidate

Michael G DeGroote School of Medicine, McMaster University

Masters of Education: Developmental Psychology and Education, 2016-2017

Graduated with High Distinction

University of Toronto, Toronto, Canada

Honors Bachelor of Science: Life Sciences, 2013-2016

Graduated with High Distinction

University of Toronto, Toronto, Canada

**Research & work Experience**

**The Jason Busse Lab** Hamilton, Ontario

*Clinical Research*

McMaster University Department of Anesthesiology, September 2023-Present

* Worked with Dr Busse on a project examining chronic fatigue syndrome
* Participated in data collection and synthesis

**The Hospital for Sick Children,** Toronto, Ontario

*Clinical Research Project Manager*

Child Health Evaluative Sciences, August 2020-Present

**The Hospital for Sick Children,** Toronto, Ontario

*Clinical Research Project Coordinator,*

Department of Gastroenterology, Hepatology and Nutrition, September 2019- August 2020

**AWARDS**

Studies of Pediatric Liver Transplantation Annual Meeting Coordinator Travel Grant, 2019, Houston, Texas, USA

Studies of Pediatric Liver Transplantation Annual Meeting Coordinator Travel Grant, 2017, Seattle, Washington, USA

Dean’s List 2016, University of Toronto, Dean’s List 2015, University of Toronto, Dean’s List 2014, University of Toronto

**Grants:**

1. Co-Applicant, Canadian Donation and Transplantation Research Program. 2019 Innovation Grant. Project: Long-Term Outcomes and Health Status of Pediatric Liver Transplant Recipients off Immunosuppression – Report from a North American Multi Center Registry. Ng VL, Selzner N, Bucuvalas J, Mazareigos G, Anand R, **Dharmaraj BG**. $30,000 [CAD] Awarded June 2020
2. AHRQ U18 Grant. Mazariegos G, Shemesh E, Ng VL, Bucuvalas J. Project: Patient Reported Outcome Measures in Clinical Use $400,00 [USD] Awarded July, 2021

**Book chapterS:**

1. **Dharmaraj BG,** Ng VL. Psychosocial Outcomes After Pediatric Liver Transplantation. In: *Pediatric Liver Transplantation First Edition*. Hazdic, Baumann and McLin. (Editors) ISBN: 9780323636728

**PUBLICATIONS:**

1. **Dharmaraj BG**, Adams SA, Orkin J. Care Care Maps: De-medicalizing Children with Medical Complexity. Paediatrics and Child Health. 2022 January 11
2. Shouldice AC, Beatty MB; Adams SA; **Dharmaraj BG,** Moore C; Stinson J, Arthi Dilip Desai; Leah Danielle Bartlett; Erin Lia Culbert; Eyal Cohen et al.Evaluating Parental Caregivers’ Experiences with an Online Platform for Children with Medical Complexity and the Role of a Live Platform Coach: A Content Analysis. Journal of Medical Internet Research. 24 October 2022
3. Diskin C, Orkin J, **Dharmaraj BG,** Agarwal T, Parmar A, Friedman J. The Unintended Consequences and Impact of the COVID-19 Pandemic on Patients, Families and Clinicians in a Children’s Hospital. Disruptions in Care: Consequences of the COVID-19 Pandemic in a Children’s Hospital. medRxiv 2021.12.02.21266778; doi: https://doi.org/10.101/2021.12.02.21266778
4. Woolfson JP, Vandriel SM, Stephens D, **Dharmaraj BG,** De Angelis M, Cattral C, Ghanekar A, Grant D, Avitzur Y, Ng VL. Passenger Lymphocyte Syndrome after Pediatric Liver Transplantation. Journal of Pediatric Gastroenterology and Nutrition

**INVITED TaLKS:**

1. **Dharmaraj BG**, Vandriel SM, Miserachs M, Kehar M, De Angelis M, Van Roestel K, Stunguris J, Avitzur Y, Ng VL. Disease Specific Health-Related Quality of Life in the Pediatric Liver Transplant Clinic. Invited Talk for Session 6 of the Studies of Pediatric Liver Transplantation (SPLIT) Annual Meeting 2019: Houston, Texas. USA, September 23-24, 2019.

**ABSTRACTS**

1. Adams S, Moore C, Beatty M, **Dharmaraj B**, Desai S, Bartlett L, Culbert E, Cohen E, Stinson J, Orkin J. How Online, Shared Care Plans Promote Partnership and Cohesive Care for Children with Medical Complexity. CPS Conference; 2022 June 22 to 25; Montreal QC.
2. **Dharmaraj B**, Beatty M, Adams S, Moore C, & Orkin J. Feasibility Testing of Health Symptom Tracker for Children with Medical Complexity at Home. CPS Conference; 2022 June 22 to 25; Montreal QC.
3. Adams S, **Dharmaraj B,** Beatty M, Moore C, Desai S, Bartlett L, Culbert E, Cohen E, Stinson J, & Orkin J. Co-Creation, Development and Evaluation of Online Care Maps for Children with Medical Complexity (CMC). CPS Conference; 2022 June 22 to 25; Montreal QC.
4. **Dharmaraj BG,** Adams S, Beatty M, Moore C, Desai A, Bartlett L, Culbert E, Cohen E, Stinson J, Orkin J. The Use of Online Care-Maps for Children with Medical Complexity. Canadian Pediatric Society Annual Meeting, June 22-25, 2021. Virtual
5. **Dharmaraj BG,** Diskin C, Orkin J, Agarwal T, Parmar A, Karmai K, Friedman J. Family Absence at the Bedside During the COVID-19 Pandemic. Canadian Pediatric Society Annual Meeting, June 22-25, 2021. Virtual
6. Diskin C, Orkin J, **Dharmaraj BG,** Agarwal T, Parmar A, Friedman J. The Unintended Consequences and Impact of the COVID-19 Pandemic on Patients, Families and Clinicians in a Children’s Hospital. Canadian Pediatric Society Annual Meeting, June 22-25, 2021. Virtual
7. Cardenas A, **Dharmaraj BG,** Parmar A, Colapinto K, Van Bergen A,Manarin R, Robson K, Esser K, Church P, O’Brien K, Major N, Cohen E, Orkin J. Nurse Navigator: A Novel Role from the Coached Coordinated Enhanced Neonatal Transition (CCENT) Study. Canadian Healthcare Navigation Conference April 16-18, 2021. Virtual

**VOLUNTEER EXPERIENCE**

1. **Speakers Bureau,** Kitchener ON, Canada, Aug 2023- Present. I go to different schools in the Kitchener Waterloo region and speak to high school students about applying to medical school at McMaster
2. **Sosa Food Bank,** Toronto ON Canada, January 2019 – Present. I pick up food from different grocery stores, and pizza restaurants that donate to the food bank. I drop them off on Saturday's when we have our food bank open. I serve the food to the individuals who come, and help them with packing and selecting food.
3. **Toronto City Mission,** Toronto ON Canada**,** January 2019 – Present  
   This organization works with students from economically disadvantaged backgrounds. I am assigned to tutor 1-1 with students with learning disabilities every week. I teach Math, Science and English. I assisted in group actives, fund-raising events and preparing meals for our students.
4. **Scarborough Family Academic Health Center,** Toronto ON Canada**,** January 2018 – Present  
   I volunteer with a family physician once a week. In this role I stay with physician in consult room with patients, assist with taking heights/ weights and talking with the patients. I have the opportunity to build relationships with patients over time, and be able to see their progress.
5. **Toronto Police Community Liaison Committee,** Toronto ON Canada**,** September 2011 - Present Through this organization I celebrate cultural differences and working with my home community. In this role I assist in community outreach events and work with diverse group of community partners to promote neighborhood safety. I received an award for my years of service.
6. **Scarborough Extendicare,** Toronto ON Canada**,** September 2011 – Present  
   Through this program I visit the seniors home once a week on Sundays and sing to them, play the piano, organize activities and be a general companion to them. I learned the sills needed to be able to work with an elderly population.
7. **Accessibility Services University of Toronto,** Toronto ON Canada**,** September 2013 – April 2016  
   As a volunteer with accessibility services at my university I took detailed lecture notes from my university courses and uploaded them to be used for students with disabilities or in need of specialized accommodation.
8. **Educational Missions Trip** Kigali, Rwanda, April 2016- April 2016  
   I was part of an organization called the Sowers Fund which aims to help individuals experiencing poverty in different parts of the world. In this activity I spent 3 weeks teaching students, running food and medical drives for homeless population of children and women. From this experience I learned the importance of access to education globally.
9. **Educational Missions Trip,** Dominican Republic & Haiti, April 2015- April 2015  
   I was part of an organization called the Sowers Fund which aims to help individuals experiencing poverty in different parts of the world. In this activity I spent 3 weeks teaching students, running food and medical drives for homeless population of children and women.

**EXTRACURRICULAR INVOLVEMENT**

1. **National Officer of Communications, Canadian Federation of Medical Students**. In this elected role I oversee communication for the CFMS and work with a committee and represent medical students across Canada
2. **Piano Lessons,** Toronto ON, Canada, January 2015- January 2018I started Piano lessons when I was in the second year of my undergraduate degree and continued till my Masters. I was able to learn additional skills outside of school, and was able to have a creative outlet. I used this skill when volunteering at my church and at the seniors home and was able to share the joy of classical music with their community.
3. **Biology Students Association,** Toronto ON Canada**,** September 2013 – April 2016  
   I joined this group to delve more into biology and contribute to the community. I was able to plan biology interest events, communicate with stakeholders and promote interest in biology outside of the classroom.
4. **South Asian Alliance,** Toronto ON Canada**,** September 2013 – April 2016  
   I campaigned as was elected the Event’s Coordinator for this group aimed at celebrating and promoting South Asian Culture through a variety of different events. I was able to connect with other students and plan events for the greater school community to engage and learn with others.
5. **Doctors without Borders,** Toronto ON Canada**,** September 2013 – April 2016  
   I was apart of this student club raising awareness and support for the lifesaving work of Doctors Without Borders. I was able to be the voice of this group on campus, working hard to raise awareness of the work done by this organization.