Child Health and Wellness Grand Challenge Catalyst Awardees Round 2
– March 2022

Branch Awards funded through the Alberta Children’s Hospital Foundation:

- **Alberta Childhood Cancer Survivorship Research Program**
  Nominated Principal Investigator: Miranda Fidler-Benaoudia
  Principal Investigator: Fiona Schulte
  Co-Investigators: Kathy Reynolds, Maria Spavor, Tony Truong, Joon Lee

- **Launching the development of the LUNA Child Advocacy Centre research team**
  Nominated Principal Investigator: David Nicholas
  Principal Investigator: Gina Dimitropolous
  Co-Investigators: Jackie Sieppert, Natalie St-Denis, Marlyn Bennett, Paul Arnold;
  Collaborators: Karen Orser, Brent Hagel, Leslie Twilley, Sheri Madigan, Ellen Perrault

Branch Award funded by the University of Calgary Office of the Vice-President (Research):

- **Proteolytic remodelling and activation of uterine tissues as a trigger of infection-induced preterm labour**
  Nominated Principal Investigator: Laura Sycuro
  Principal Investigators: Antoine Dufour, Donna Slater
  Co-Investigators: Stephen Wood, Karen Lithgow

Seedling Awards funded by the University of Calgary Office of the Vice-President (Research):

- **Improving Access to Surgery for Rural and Indigenous Children in Southern Alberta**
  Nominated Principal Investigator: Tito Daodu
  Co-Investigators: Mary Brindle, Melanie Morris, Kienan Williams

- **Monitoring child-targeted food packaging: Tracking prevalence, nutritional quality, and marketing appeals in Canada**
  Nominated Principal Investigator: Charlene Elliott
  Co-Investigators: Joel Reardon, Dana Olstead, Kim Raine
  Collaborators: Jordan LeBel, Alfred Aziz, Saskia Ramsay, Emily Truman, Kirsten Ellison

- **Impact of early life stress on brain networks and behaviour**
  Nominated Principal Investigator: Derya Sargin
  Principal Investigators: Jonathan Epp, Kartikeya Murari
• Developmental origins of vertebral deformities – defining the critical role of the NOTCH signaling pathway  
  Nominated Principal Investigator: Li-Fang (Jack) Chu  
  Principal Investigators: Alexander Lohman, Mark Ungrin

• Effect of maternal medications (biologic therapies) on the infant’s developing immune system  
  Nominated Principal Investigator: Cynthia Seow  
  Co-Investigators: Luis Murguia-Favela, Cora Constantinescu  
  Collaborator: Khaled Al-Sager

• PROmising Precision Child Health in Alberta: Implementation of Patient-Reported Outcomes in Alberta’s Pediatric Health System  
  Nominated Principal Investigator: Maria Santana  
  Principal Investigators: David Johnson, Jennifer Zwicker  
  Co-Investigators: Kyle Kemp, Paul Fairie, Sumedh Bele, Sadia Ahmed  
  Collaborators: Rachel Flynn, Christine Johns, Sandi Oelhaupl, Cynthia Walder, Sarah Rabi, Muning Zhung