

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