



Outcomes Report of Activities Supported by Campus Alberta HOPH Meeting Grant

Please provide brief responses below, expanding as necessary to not exceed 2 pages.

Date of Report	2021, for 2019 award
Date of Meeting	October 29 – 30, 2020
Title of Meeting	Celebrating 10 Years: APrON Achievements & Evolution
Team Lead(s)	Dr. Nicole Letourneau
Amount of Award	\$3990.00

1. Please append the program/agenda for your HOPH-sponsored meeting.

Celebrating 10 Years: APrON Achievements & Evolution



DAY 1

Date: October 29th, 2020
Location: Zoom

TIME	TITLE	LEAD PRESENTERS
9:00-9:30	All about APrON: History and aspirations	B. Kaplan & N. Letourneau, University of Calgary
9:30-9:50	Weight changes in APrON women during and after pregnancy: What we have learned so far	R. Bell, University of Alberta
9:50-10:15	Update on nutrition status of the APrON cohort	C. Field, University of Alberta
10:15-10:35	Break	
10:35-11:00	Maternal mood in the APrON cohort	B. Leung, University of Lethbridge
11:00-11:25	APrON participant panel: Experiences and advice	--
11:25-12:25	Lunch	
12:25-12:50	How stress gets under the skin of babies and what we can do about it	G. Giesbrecht, University of Calgary
12:50-13:15	Gene by environment interaction studies in APrON: observations and opportunities	N. Letourneau, University of Calgary
13:15-13:40	Break	
13:40-14:05	Neuroimaging in young children	C. Lebel, University of Calgary
14:05-14:30	A gut feeling about the microbiome and mental health	G. Giesbrecht, University of Calgary
14:30-14:50	Break	
14:50-15:15	Prenatal exposure to plastic chemicals affects children's genes, brains, and behaviour	D. Dewey & G. England-Mason, University of Calgary
15:15-15:40	ABCD: APrON & AOF working together	N. Letourneau & S. Tough, University of Calgary
15:40-16:00	Break	
16:00-17:00	Keynote Speaker: Evolution of the Australian Temperament Project: From ATP to ATP Gen3	M. O'Connor, University of Melbourne
17:00-17:15	Wrap up and conclusions	N. Letourneau, University of Calgary



Faculty of Health Sciences



DAY 2

Date: October 30th, 2020

Location: Zoom

TIME	TOPIC	LEAD PRESENTERS
09:00-09:10	Opening comments: APrON as a cohort and looking to the future	N. Letourneau, University of Calgary
09:10-10:10	Keynote Speaker: CHILD cohort study: Surviving the marathon to win the race!	P. Subbarao, University of Toronto
10:10-10:30	Break	
10:30-11:30	Keynote Speaker: The Avon Longitudinal Study of Parents and Children: A longitudinal and multigeneration platform for collaborative health data research	N. Timpson, University of Bristol
11:30-11:45	Conference Closing	N. Letourneau, University of Calgary

2. Meeting attendance (total number of attendees, affiliations represented, etc):

There were 336 attendees (59 were APrON participants, 31 were from the APrON Team and 246 registered as regular attendees).

3. Outline the meeting expenses covered by the awarded funding:

Due to the changes to this conference associated with the COVID-19 pandemic, we were approved for all meeting expenses to be covered by the awarded funding.

4. List, link, provide, or explain existing or planned products from the meeting (reports, publications, etc):

A conference report from the Celebrating 10 Years: APrON Achievements & Evolution Conference will be disseminated to the APrON team and presenters outside of the APrON team in May 2021.

5. List (with projected timelines and names of participants) what activities or next steps are ensuing from the meeting (follow-up meetings, etc):

The next steps that we have planned for after this conference include the submission of further grants related to epigenetics research, the implementation of machine learning to predict adolescent mental health, the creation of partnerships with other cohorts (i.e. the Australian Temperament Project and Canadian Healthy Infant Longitudinal Development Study), and the implementation of the AVA Training Platform for APrON research.

6. Please provide any additional commentary on the benefits or unexpected consequences arising from the meeting:

We adapted to the COVID-19 pandemic by hosting this conference online. From our perspective, this conference proceeded as effectively as if it were to be held in-person as originally planned, if not more effective. Accordingly, we were able to have great minds from across the world provide input, without the annoyance of travel. We also had some unexpected insights come up, including strategies used to maintain research cohorts. Overall, we developed some great collaborative contacts, over and above addressing next steps for APrON.



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