

# Celebrating 10 Years: APrON Achievements and Evolution

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# Alberta Pregnancy Outcomes and Nutrition (APrON) Study



- Pregnancy cohort launched in 2009 (N ~ 5,000) (Kaplan et al, 2014)
  - Mothers, partners and children
  - Recruited from Calgary and Edmonton, AB
- Interdisciplinary study, including nutrition, mental health, child development, genetics, neurotoxin, inflammatory markers and cortisol, parent-child relationship quality, and the microbiome
- APrON has been active for ~10 years (APrON children ~10-12 yo)
  - What will we do over the next 10 years?
  - Transition to intergenerational cohort

# “Celebrating 10 Years” Meeting

- Scheduled for March 2020
- 336 attendees:
  - 59 APrON participants, 31 APrON Team members, 246 regular attendees
- Day 1: APrON accomplishments and contributions
  - Comment from the APrON families
  - Keynote speakers: CHILD (Canada), ALSPAC (Britain), ATP Gen3 (Australia)



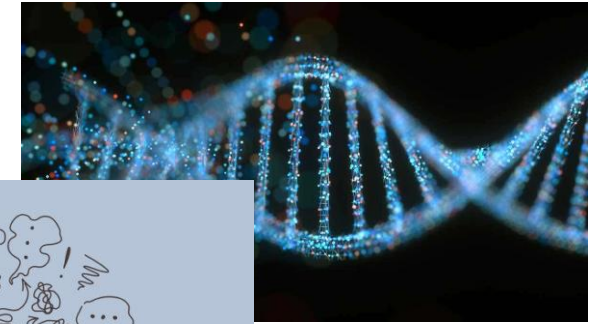
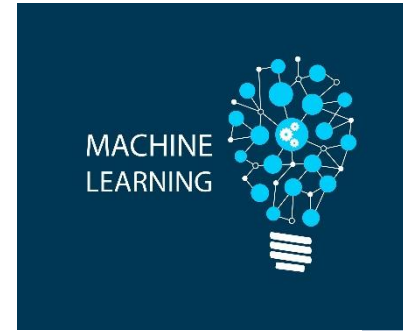
# “Celebrating 10 Years” Meeting

- Scheduled for March 2020 – held online Oct 29-30, 2020
- 336 attendees:
  - 59 APrON participants, 31 APrON Team members, 246 regular attendees
- Day 2: Planning future directions
  - Transition to an intergenerational cohort



# Next steps

- Future directions:
  - Epigenetic and genetic information
  - Machine learning and adolescent mental health
- Partnerships and collaborations:
  - CHILD, ALSPAC, Gen3, BIS
- Developing the next generation of researchers:
  - AVA Training Platform



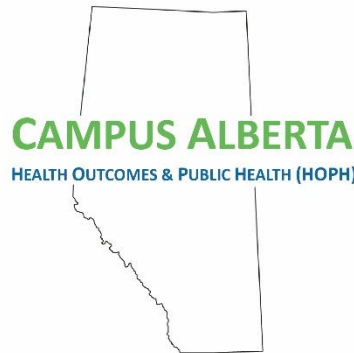
# Thank you! Questions?




- Dr. Nicole Letourneau
- APrON Management Team
- Andrea Deane
- Kelly Wu
- Jason Novick
- Kiera Poelzer
- Lyndsay MacKay
- Amelia Potter-Dickey



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