



Canadian Academy of Health Sciences
Académie canadienne des sciences de la santé

List of Fellows with relevant expertise re COVID-19 and available for comments

(this list includes Fellows that have replied to CAHS' call for expertise and may not include Fellows who also have relevant expertise but, for various reasons, have not been able to respond to our call)

Name: Dr. Lorne A. Babiuk, OC, SOM, FRSC, FCAHS

Expertise: Vaccine development

Current/Past Roles: Vice-President of Research at the University of Alberta and the former Director of the Vaccine and Infectious Disease Organization (VIDO).

Experience: developed a number of vaccines including a prototype SARs vaccine in 2003.

Notes: helped build the internationally recognized vaccine institute VIDO/Interface in Saskatoon which has the largest level 3 biocontainment facility to work with level 3 pathogen.

Name: Dr. Penny Ballem, FCAHS

Expertise: Internist and clinical hematologist

Current/Past Roles: Provincial Deputy Minister of Health (in BC) during SARS and Avian Flu. City Manager in Vancouver during preparation for the 2010 Games. Chair of the Vancouver Coastal Board Health.

Notes: Managed health related crisis.

Name: Dr. Guy Boivin, FRCPC, FCAHS

Expertise: Infectious disease specialist

Current/Past Roles: Current holder of the Canada research chair on influenza and other respiratory viruses.

Experience: mostly recognized for his work on the mechanisms of resistance of influenza viruses to neuraminidase inhibitors and of cytomegalovirus to ganciclovir.

Notes: His research is currently supported by a 7-year Foundation grant from the Canadian Institutes of Health Research (2016-23, CDN \$ 4 million)

Name: Dr. Elizabeth Borycki, FCAHS

Expertise: Health informatics, health information technology, digital health, virtual care

Current/Past Roles: Director, Global Laboratory for Digital Health Innovation; Professor, School of Health Information Science. Current holder of a Michael Smith Foundation for Health Research award studying health technology safety.

Experience: digital health and health information technologies applied to social distancing and management of outbreaks.

Notes: Top 10 Women Leaders in Digital Health (2017), Top 100 medical and health informatics researchers (2017) International Medical Informatics Association (IMIA), Fellow of the American College of Medical Informatics, Fellow of the International Academy of Health Sciences Informatics (IMIA)

Name: Dr. Carole Estabrooks, CM, RN, FAAN, FCAHS

Expertise: LTC, Aging, HSR and policy, with 15 years in this sector and familiar with resident and staff profiles

Current/Past Roles: Professor & Canada Research Chair (Tier 1) in Knowledge Translation, Faculty of Nursing, University of Alberta

Experience: Scientific Director for the "Translating Research in Elder Care" (TREC) pan Canadian, longitudinal and international applied health services research program focused on quality of care, of life, of work life for front line care givers. Our research is situated in residential long term care or nursing homes.

Notes: a member of the CIHR Institute of Aging Advisory Board, she designs and delivers interdisciplinary research programs, engaging outstanding scholars and providing robust training for graduate and postdoctoral students.

Name: Dr. B. Brett Finlay, CM, OBC, FRSC, FCAHS

Expertise: Pathogens and vaccine development.

Current/Past Roles: UBC Peter Wall Distinguished Professor, CIFAR Senior Fellow, Michael Smith Laboratories. Serving on the BC Covid-19 Strategic Research Advisory Committee, which is helping to oversee covid research in BC, especially planning for the next steps. Led the SARS Accelerated Vaccine Initiative (SAVI) which helped develop two SARS Vaccines for use around the world.

Experience: very well acclaimed in his field, Canadian Medical Hall of Fame, German National Academy of Sciences Leopoldina Foreign Member, Order of Canada, etc.

Notes: Science.ca describes him as one of the world's foremost experts on the molecular understanding of the ways bacteria infect their hosts

Name: Dr. Tamas Fülöp, FCAHS

Expertise: Contributed to the better care of elderly subjects as a medical doctor but also as a researcher by progressing our understanding of the biological changes occurring with age

Current/Past Roles: Professor, Geriatric Services at the University of Sherbrooke

Experience: has changed views in the field of the Immunology/Inflammation by developing a new concept of immune-adaptation helping to use these changes in the advantage of elderly in the field of vaccination.

Name: Dr. Judy Illes, OC, FRSC, FCAHS

Expertise: Neurology, Biomedical ethics

Current/Past Roles: Professor of neurology and Canada Research Chair in Neuroethics at UBC. Director at Neuroethics Canada

Experience: neuroscience, pioneer in the field of neuroethics

Notes: <https://nationalpost.com/news/what-is-the-end-game-ontarios-stark-modelling-forecast-could-help-canadians-cope-with-covid-19>

<https://journals.lww.com/neurotodayonline/blog/breakingnews/pages/post.aspx?PostID=932>

<https://thetyee.ca/News/2020/04/09/Pandemic-Health-Care-Workers-Leave/>

Name: Dr. Andre Kushniruk, FCAHS

Expertise: Health informatics, human factors, usability, support in decision making, patient information systems, usability of public health information systems

Current/Past Roles: Director, School of Health Information Science; Professor, School of Health Information Science. Academic Representative, Digital Health Canada.

Experience: improving the usability of systems for patients and health professionals, consulting experience nationally and globally in health informatics for over 25 years

Notes: Top 100 medical and health informatics researchers (2017) International Medical Informatics Association (IMIA), Fellow of the American College of Medical Informatics, Fellow of the International Academy of Health Sciences Informatics (IMIA), Recognized as Leadership in Health Informatics by Digital Health Canada

Name: Dr. Ronald Labonté, HonFFPH, FCAHS

Expertise: Epidemiology and Public Health

Current/Past Roles: professor, School of Epidemiology and Public Health, University of Ottawa; former Canada Research Chair in Globalization and Health Equity; and Professor, College of Medicine and Public Health, Flinders University, Australia.

Experience: Co-lead a new CIHR funded network on Global Governance of Infectious Disease and AMR

Notes: published a blog on the coronavirus issue in The Conversation (English and French:

<https://theconversation.com/coronavirus-fear-of-a-pandemic-or-a-pandemic-of-fear-130934> and

<https://theconversation.com/coronavirus-stopper-la-pandemie-reelle-et-celle-de-la-peur-131007>

Name: Dr. Kelley Lee, FFPH, FCAHS

Expertise: Globalization and health, global health governance

Current/Past Roles: Current holder of Tier 1 Canada Research Chair in Global Health Governance and Professor, Faculty of Health Sciences, Simon Fraser University; former Director, WHO Collaborating Centre on Global Change and Health; former Professor of Global Health Policy, London School of Hygiene and Tropical Medicine

Experience: leading two CIHR rapid response studies of COVID19 on global coordination and International Health Regulations; and gender impacts of COVID19; member of post SARS and post Ebola virus outbreak (2013-14) responses reviews

Notes: published extensively on role of WHO, globalization and health; recent media contacts on COVID19 (BBC, CBC, Global News, The Hill Times, LA Times, National Public Radio, Washington Post, Wall Street Journal, Mingpao and others)

Name: Dr. Lorne Tyrrell, OC, AOE, FRCPC, FRSC, FCAHS

Expertise: Public Health measures and the basic virology related to new and emerging viruses.

Current/Past Roles: Currently Director of the LiKa Shing Institute of Virology at the University of Alberta

Experience: former director of the Infectious Diseases division and later the Department of Medical Microbiology and Immunology at the University of Alberta.

Notes: currently have groups working on both antivirals and vaccine candidates. LKSIOV have scientist that have expertise and would like to help.

Name: Dr. Michael Wolfson, FCAHS, CRC

Expertise: Health information, health economics

Current/Past Roles: Assistant Chief Statistician, Analysis and Development, at Statistics Canada, CRC in Population Health Modeling, uOttawa

Experience: responsible for Stat Can's health statistics program, also led group developing various health simulation models including for infectious disease spread.

Notes: <https://www.theglobeandmail.com/opinion/article-during-the-pandemic-why-has-canadas-data-collection-lagged-so-far/>

<https://www.theglobeandmail.com/opinion/article-what-happens-after-the-pandemic-curve-flattens/>