



RSC Members with Specialized Knowledge in Fields Related to COVID-19 Preliminary List

March 16, 2020

The following RSC Members are willing to be contacted about the issues at hand. Members are listed alphabetically within broad fields of research.

Infectious Diseases, Epidemiology, Modelling

1. Miodrag Belosevic, University of Alberta. Dr. Belosevic's research focuses on the elucidation of the immune mechanisms of host-pathogen interactions at both organismal and molecular levels.
2. Robert Brunham, University of British Columbia. Dr. Brunham's research focuses on the treatment and prevention of infectious diseases such as *Chlamydia*, SARS, AIDS, and TB.
3. Troy Day, Queen's University. Dr. Day's research focuses on the evolutionary biology of infectious disease and the evolutionary consequences of antimicrobial drug treatment.
4. Prabat Jha, University of Toronto. Dr. Jha's research focuses on the assessment of causes of death, including the Million Death Study of a random sample of all deaths in India since 2001.
5. Kim Lavoie, UQAM. Dr. Lavoie's research focuses on the impact of non-pharmacological interventions to prevent the effects of chronic diseases.
6. Sharon Straus, University of Toronto. Dr. Straus' research focuses on knowledge translation science, creating bridges between current best evidence about health problems and the quality of health care that people actually receive.
7. Robyn Tamblyn, McGill University. Dr. Tamblyn's research focuses on the establishment and validation of new methods of assessing clinical competence using standardized patients, and interventions to improve the safety and effectiveness of prescription drug management.

Economics, Administration, and Culture

8. Paul McNicholas, McMaster University. Dr. McNicholas' research focuses on computational statistics research, and techniques to solve problems presented by big data.

Public Health Policy

9. Catherine Beauchemin, Ryerson University. Dr. Beauchemin's research focuses on the field of virophysics, a branch of biophysics in which the theoretical tools and quantitative rigour of physics are brought to bear on problems in virology, enhancing our understanding of influenza virus infections.
10. Carolyn Tuohy, University of Toronto. Dr. Tuohy's research focuses on the politics and policy making of health-care reform in Western industrialized democracies and involves theoretical insights for scholars engaged in the comparative study of welfare states under stress.

Research Ethics

11. Françoise Baylis, Dalhousie University. Dr. Baylis' research focus is bioethics, including research involving children, the role of bioethics consultants, women's health, human embryo research, and novel genetic technologies.
12. Iwao Hirose, McGill University. Dr. Hirose's research focus is the area of value theory in contemporary ethics in two broadly defined but related areas: the theory and value of distributive equality and the ethics of public policy.
13. Stuart Murray, Carleton University. Dr. Murray's research focuses on how burgeoning biotechnologies, healthcare systems, and communications networks and practices have ushered in a seismic shift in human subjectivity—and what a commensurable ethical response might look like.

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This list is updated on an ongoing basis. Members offer their insights as experts; they do not express the organizational position of the RSC.

Where additional areas of specific areas are required, write to us at info@rsc-src.ca