Hello,
As research staff and trainees work from home, we'd like to share some online training courses that you might find useful.

UCalgary research staff and trainees should complete the University of Calgary (provincial) training recommendations that are applicable to their field of work.

In addition, the following supplemental courses may be of interest.

Clinical Research Training

- Public Health Agency of Canada (PHAC) eLearning

Includes biosafety and biosecurity, health emergency management, clinical research and other related courses.

- Society of Clinical Research Associates online courses

SOCRA's online courses are intended to provide access to training and continuing education that will promote quality clinical research, protect the welfare of research participants and improve global health.

- Association of Clinical Research Professionals eLearning

ACRP supports clinical research professionals through membership, training and development, and certification. Member and non-member pricing for courses.

Scientific Writing

- Stanford Online: Writing in the Sciences

This self-paced course teaches scientists to become more effective writers, using practical examples and exercises. Course duration: 25 hours

- Coursera Scientific Writing Portfolio

Offers some free and some paid course options. A variety of topics are included.

- Free Ivy League courses

Courses from the 8 prestigious Ivy League schools on a range of topics including data science, health and medicine.

Research Methods

- Coursera Health Research courses

Offers some free and some paid course options. A variety of topics are included.

- National Collaborating Centre for Methods and Tools: Building Capacity of Evidence-Informed Public Health

This online program includes eight of the NCCMT's interactive learning modules to build capacity for evidence-informed public health practice. Topics include searching for research evidence, critical appraisal of evidence, and adapting, implementing and evaluating knowledge translation strategies.

- KT Canada Education and Training

The KT Program provides practical courses in Knowledge Translation (KT) to meet the needs of trainees, researchers, practitioners, knowledge users, health administrators and policy makers.

Education and training streams include: Assessing Evidence, Patient Oriented Research, Implementing Evidence, and Disseminating Evidence.

Biostatistics

- Stanford University Online – Statistics in Medicine

Open enrolment to Standford's online course library. Some courses have fees associated, but can contribute towards a certificate. There are no prerequisites for the level 1 course. Students will need to be familiar with a few basic math tools: summation sign, factorial, natural log, exponential, and the equation of a line; a brief tutorial is available on the course website for students who need a refresher on these topics.

- Coursera biostatistics courses

Offers some free and some paid course options. A variety of topics are included.

- Matlab Basics

MATLAB helps you take your ideas beyond the desktop. You can run your analyses on larger data sets, and scale up to clusters and clouds. MATLAB code can be integrated with other languages, enabling you to deploy algorithms and applications within web, enterprise, and production systems.

- Matlab Onramp

Hands-on practice sessions and demonstrations. Requires creation of a Mathworks account (free).