

**Summer Program in Clinical Epidemiology and Biostatistics
Winter Edition - Curriculum 2024**

Lead Instructor: Dr. S. Joseph Kim MD, PhD, FRCPC, MHS

Program Manager: Segun Famure MPH, MEd, CHE

Venue: ZOOM

Suggested textbooks (all available on-line through the University of Toronto Libraries):

- 1). Hulley et al. Designing Clinical Research, Third Edition. Lippincott Williams & Wilkins. 2006
- 2). van Belle et al. Biostatistics: A Methodology for the Health Sciences, Second Edition. Wiley-Interscience. 2004.
- 3). Kestenbaum B. Epidemiology and Biostatistics: An Introduction to Clinical Research

Winter Session 2024	
March 4	Asynchronous Lecture: Introduction to Clinical Epidemiology 8-9 AM EST Introduction to Applied Biostatistics I
March 11	March Break - No Seminar
March 18	Asynchronous Lecture: Bias, confounding, effect modification 8-9 AM EST Critical appraisal of related article
March 25	Asynchronous Lecture: Measures of occurrence and association 8-9 AM EST Laboratory exercise based on current lecture
April 1	Easter Holiday - No Seminar
April 8	Asynchronous Lecture: Introduction to Applied Biostatistics II 8-9 AM EST Laboratory exercise based on current lecture
April 15	Asynchronous Lecture: Observational studies 8-9 AM EST Critical appraisal of related article
April 22	Asynchronous Lecture: Conducting systematic reviews 8-9 AM EST Systematic reviews and meta-analyses
April 29	Asynchronous Lecture: Randomized controlled trials 8-9 AM EST Critical appraisal of related article
May 6	Asynchronous Lecture: Prognostic and diagnostic studies 8-9 AM EST Critical appraisal of related article
May 13	Asynchronous Lecture: Basics of Survival Analysis 8-9 AM EST Laboratory exercise based on current lecture
May 20	Victoria Day - No Seminar
May 27	Asynchronous Lecture: Interpreting Regression Models 8-9 AM EST Critical appraisal of related article Course Evaluations