

**Summer Program in Clinical Epidemiology and Biostatistics
Curriculum 2022**

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

Program Manager: Segun Famure MPH, MEd, CHE

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

Summer Session 2022		
May 16	7-8am Introduction to clinical epidemiology 8-9am Introduction to applied biostatistics I –Joseph Kim	
May 23	Victoria Day (no seminar)	
May 30	7-8am Bias, confounding, effect modification 8-9am Critical appraisal of related article – Joseph Kim	
Jun 6	7-8am Measures of occurrence and association 8-9am Laboratory exercise based on current lecture - Bassem Hamandi	
Jun 13	7-8am Introduction to applied biostatistics II 8-9am Laboratory exercise based on current lecture – Joseph Kim	
Jun 20	7-8am Observational studies 8-9am Critical appraisal of related article – Joseph Kim	
Jun 27	7-8am Randomized controlled trials 8-9am Critical appraisal of related article – Shahid Husain	
Jul 4	7-8am Prognostic and diagnostic studies 8-9am Critical appraisal of related article – Sunita Singh	
Jul 11	7-8am Conducting systematic reviews - Ani Orchanian-Cheff 8-9am Systematic reviews and meta analyses – Farid Foroutan	
Jul 18	7-8am Basics of survival analysis 8-9am Laboratory exercise based on current lecture – Joseph Kim	
Jul 25	7-8am Interpreting regression models 8-9am Critical appraisal of related article – Joseph Kim Course Evaluations	