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):

3). Kestenbaum B. Epidemiology and Biostatistics: An Introduction to Clinical Research

| Winter Session 2024 |  
|---------------------|-----------------------------|
| February 26         | **Asynchronous Lecture**: Introduction to Clinical Epidemiology  
|                     | 8-9 AM EST Introduction to Applied Biostatistics I  
| March 4             | **Asynchronous Lecture**: Bias, confounding, effect modification  
|                     | 8-9 AM EST Critical appraisal of related article  
| March 11            | **March Break - No Seminar**  
| March 18            | **Asynchronous Lecture**: Measures of occurrence and association  
|                     | 8-9 AM EST Laboratory exercise based on current lecture  
| March 25th          | **Asynchronous Lecture**: Introduction to Applied Biostatistics II  
|                     | 8-9 AM EST Laboratory exercise based on current lecture  
| April 1             | **Easter Holiday - No Seminar**  
| April 8             | **Asynchronous Lecture**: Observational studies  
|                     | 8-9 AM EST Critical appraisal of related article  
| April 15            | **Asynchronous Lecture**: Conducting systematic reviews  
|                     | 8-9 AM EST Systematic reviews and meta-analyses  
| April 22            | **Asynchronous Lecture**: Randomized controlled trials  
|                     | 8-9 AM EST Critical appraisal of related article  
| April 29            | **Asynchronous Lecture**: Prognostic and diagnostic studies  
|                     | 8-9 AM EST Critical appraisal of related article  
| May 6               | **Asynchronous Lecture**: Basics of Survival Analysis  
|                     | 8-9 AM EST Laboratory exercise based on current lecture  
| May 13              | **Asynchronous Lecture**: Interpreting Regression Models  
|                     | 8-9 AM EST Critical appraisal of related article  
|                     | Course Evaluations

Course Evaluations