

April 2019

List of topics to cover in ASK

- a) STATISTICS
  - a. Lecture #1- central limit theorem, descriptive stats, graphing, correlation
  - b. Installing stats program and understanding package (use Primer in small groups)- Tutorial #1
  - c. Rationale for data exploring and steps in this process
  - d. Stats tutorial #2 – descriptive stats, graphing, correlation
  - e. Lecture #2- with tutorial –sample size
  - f. Question time with statistician
  - g. Lecture 3- regressions
  - h. Tutorial #3- regression
  - i. Question time with biostatistician
  
- b) Epidemiology
  - a. Study design- quantitative
  - b. Confounders
  - c. Qualitative study design
  - d. Systematic review
  - e. Diagnostic testing
  
- c) General
  - a. Asking study question – PICOT
  - b. CAT presentations
  - c. Presentations- good slide design <http://www.garreynolds.com/preso-tips/design/>
  - d. KT –
  - e. How CRU- CHRIM (Research Institute) can help
  - f. Upgrading your CV
  - g. Competitions
  - h. Create an abstract from an article and critique one
  
- d) Quality improvement
  - a. IHI Open School – 3-4 h only
  - b. In practice
  - c. PDSA- in practice

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- e) Critique journal
  - a. Observe journal article presentation
  - b. Tips on critiquing – systematic review, qualitative and quality improvement
  - c. Group critique of journal article
  - d. Individual critique of journal article
  
- f) Learning and teaching
  - a. Feedback –
  - b. Search and learn x 1-
  - c. CAT (5 articles only) presentation
  - d. Teaching sessions
  
- g) Ethics
  - a. General-
  - b. Consent-
  
- h) Research and Indigenous youth
  
- i) Advanced training as staff- MSc, Phd in various domains
  
- j) Library searches & reference manager (Zotero)
  
- k) Guides to WIPs and your scholarly project
  
  
- l) Attendance at Rounds
  - a. CHRIM- weekly Thursday
  - b. WIPs 3 of 4 weeks Tuesday
  
- m) Learn from other residents
  - a. Time management
  - b. Post AHD – how other residents are working on their projects