

Week 3 Discussion: Epidemiological Methods and Measurements

This week we are comparing and contrasting epidemiological methods of research; case-control and cohort study methods. Select either the case-control or cohort study method and compare its features, the methodology, to a randomized controlled trial using the following questions. Please format, organize, your responses using each question below:

- 1. What is the fundamental difference between the method you have chosen (either the case-control or cohort method) and the randomized controlled trial?*
- 2. What are the advantages and disadvantages of the study method you chose (casecontrol or cohort study)?*
- 3. What are the characteristics of a correlational study?*
- 4. Where does the method you chose (case-control or cohort study) fall on the research pyramid? What does where it is on the research pyramid mean?*

Post your response to the DB. Your analysis should have in-text citations and utilize a scholarly voice with APA formatting.

Respond to a total of two posts: Either two (2) peer posts or a peer and faculty post (all faculty posts require a response), with a minimum of one paragraph of 4-5 sentences, on two (2) different days of the week. Your reply post should be specific to this week's topic of epidemiological research methods and should integrate in-text citation(s).