Statistics 467/567 Applied Multivariate Methods – Class Participation Activities – REQUIRED as part of 15% of grade

Each week to upload to Sakai – Drop Box:

Week 1 – Mon. July 6 and Wed. July 8, 2020:

Meet your learning community:

Share Video (2 minutes)

Meet your Learning Community! – Share Video (if no video capability available on your device simply upload a word document to Sakai-Drop Box and present live on Mon. July 6, 2020)

- Introduce yourself with full name and one image (photo of yourself)
- Explain why you are interested in this course--or what you hope to gain from the course.
- What are topics of data or data sets (possible) that interest you.
- Describe a favorite hobby or interest other than statistics or data analysis (includes pets, travel, music, arts and crafts).

Week 2 – Mon. July 13 and Wed. July 15, 2020:

- Topic, source, title of data set and year.
- (1) Present Abstract of n = 250 words
  - Either present live or use Voice Thread or voice over with MS Power Point

Week 3 – Mon. July 20 and Wed. July 22, 2020:

- Why do you like about the course (or do not!)
- Name one enhancement (such as an additional method or topic or teaching tool.)

Assignment Due: Project No. 1 - Due - **Univariate and Bivarate**

Week 4 – Mon. July 27, and Wed. July 29, 2020

- What is the most important concept learned in the course?
- What is the second most important concept learned in the course?
- Also Using "Hypothesis" Available on Sakai – Comment on a Published Manuscript – Posted on the Sakai Site under the folder "Hypothesis"

(2) Present Univariate/Bivariate Results from Data Analysis Project/Manuscript No. 1

  - Either present live or can record using either Voice Thread or voice over with MS Power Point

Week 5 – Mon. Aug. 3 and Wed. Aug. 5, 2020

- What concept learned thus far has been a game changer?

(Tentative) Breakout session in class Using Big Blue Button - 5 minutes:

Discuss with (randomly) assigned group – 6 groups total

- Which type of data suitable for which method?
- What is the hypothesis?
- What is the relevance to the research topic?

(2) Present Univariate/Bivariate Results from Data Analysis Project/Manuscript No. 1

Week 6 – Mon. Aug. 10, and Wed. Aug. 12, 2020

(3) Present Multivariate Results from Data Analysis Project Manuscript No. 2

- o Either present live or can record using either Voice Thread or voice over with MS Power Point

Final Project No. 2 - Paper - Due - Univariate; Bivariate; Multivariate In class Student Presentations - Final Project - 15 minutes each