BINF704 Spring 2018

INSTRUCTOR - Jeff Solka Ph.D., jlsolka@gmail.com, 540-809-9799

OFFICE HOURS – By appointment.  
  
PLACE AND TIME - Course fully asynchronous. Initial kickoff meeting online 1/23/18 at 5:30 pm. Please connect for this meeting via this website <https://webcon.gmu.edu/binf704_1_23_18/>  
  
PURPOSE of the COURSE  
This course serves to train students in understanding scientific presentations and publications while simultaneously giving them a rudimentary capability to craft a colloquium style presentation based on a journal article.  
  
EXPECTATIONS - Students are expected to record a presentation on a journal paper as chosen by them, watch 4 online presentations from outside speakers, and answer quizzes on 2 of them and provide write-ups on 2 of them. Ideally the paper presented should be related to the student's ongoing research and the student is free to present on ongoing research. Alternatively students can present on a paper of the professor's choosing. Students will present in teams of 2 or more where each team will have 45 minutes to present. These presentations will be recorded using this feature in Microsoft PowerPoint. **When students turn in their course presentation via Blackboard they are also to submit a code word to the course professor.** **This code word will be used to validate that their fellow students actually watched the presentations when they score them. This code word must be stated clearly during the recorded presentation.** In addition, students are expected to submit 2 in-depth write-ups, 7-10 pages 14pt single spaced, on external speaker presentations. Write-ups should minimally provide a summarization of the talk in the student's own words. Any insights into the research discussed in the talk should be presented within the body of the write-up. One of these will be due by 6:00 pm March 20, 2018 and one will be due by 6:00 pm May 5, 2018. Finally students are expected to evaluate each of the student presentations on a 100 point scale as follows  
  
33 pts - Presentation Content  
33pts - Organization of the Talk  
34 pts - Student's Understanding of Material

**When one turns in the grade for a talk via Blackboard they are also expected to submit a code word which is embedded in the audio track of the talk.** All course material will be submitted via Blackboard and students are expected to use the course Blackboard Wiki to select presentation partners.  
  
GRADING - Students grades will be calculated in the following manner.

20% Quiz Grades

20% Presentation Scoring  
30% Course Presentation  
30% Presentation Write-ups  
  
Grading will be on the following scale. 93-100  (A), 90-92 (A-), 87-89 (B+), 83-86 (B), 80-82(B-), less than 80 (C). Student averages will be rounded to the closest integer to determine final letter grades.

External Speaker Talks and Assignments  
  
**TBD**

Students are strongly encouraged to attend Student Research Day on TBD.

There is no final exam scheduled for the course.