Applied Mathematics Seminar

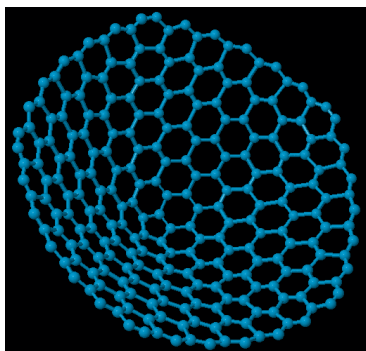## Prof. Taylor Short, GVSU

Friday, Sept 24 2021

1-1:50pm - MAK B2124 or via zoom (check website)

Social networks, chemical compounds, and the tree of life

Abstract: What do these three things have in common? They can all be modeled using graph theory! Graph theory is the study of graphs, which are made up of dots, called vertices, and lines connecting the dots, called edges. Using graphs, we can measure the structure of social networks, predict the stability of chemical compounds, and better understand evolutionary relationships of species in the tree of life. In this presentation, we will give a brief introduction to graph theory and overview these applications.

More info: http://bit.ly/applied-math-seminar